LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092418\
Data File : BM016877.D
Acq On : 24 Sep 2018 15:32
Operator : SJ/JU
Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.011	3	4	12	rVB	767428	726391	13.24%	0.529%
2	5.057	348	352	357	rBV	331654	482224	8.79%	0.351%
3	5.187	370	374	383	rVB2	321497	588632	10.73%	0.429%
4	5.546	426	435	441	rBV	346891	549322	10.02%	0.400%
5	5.610	441	446	451	rBV3	335252	616705	11.24%	0.449%
6	5.699	457	461	467	rVB	464140	645914	11.78%	0.471%
7	6.010	506	514	521	rBV2	894990	2084128	38.00%	1.519%
8	6.128	527	534	540	rVB2	263450	606256	11.05%	0.442%
9	6.222	544	550	557	rBV5	515283	1183097	21.57%	0.862%
10	6.287	557	561	565	rBV	828487	1132524	20.65%	0.825%
11	6.369	571	575	577	rBV2	474530	670395	12.22%	0.489%
12	6.399	577	580	587	rVB	750257	1082249	19.73%	0.789%
13	6.481	589	594	599	rVB2	413354	637469	11.62%	0.465%
14	6.716	624	634	638	rBV3	754611	1509859	27.53%	1.100%
15	6.816	647	651	654	rBV2	417767	580336	10.58%	0.423%
16	6.863	654	659	666	rVV3	729761	1688053	30.78%	1.230%
17	7.051	685	691	696	rBV2	782175	1323278	24.13%	0.964%
18	7.104	696	700	703	rBV3	368868	594833	10.85%	0.433%
19	7.204	713	717	721	rBV	553150	712120	12.98%	0.519%
20	7.246	721	724	728	rBV	519723	681537	12.43%	0.497%
21	7.369	740	745	752	rBV	1781581	2852357	52.01%	2.079%
22	7.434	752	756	762	rVB2	463677	806163	14.70%	0.587%
23	7.540	768	774	782	rVB6	229965	562933	10.26%	0.410%
24	7.622	782	788	794	rBV6	425793	1231539	22.46%	0.897%
25	7.693	794	800	808	rVV2	1823647	4044832	73.75%	2.948%
26	7.787	808	816	820	rVB4	408895	1000097	18.24%	0.729%
27	7.834	820	824	831	rBV4	391987	777775	14.18%	0.567%
28	7.904	831	836	840	rVV2	641776	889013	16.21%	0.648%
29	7.998	844	852	859	rVB4	649275	1603411	29.24%	1.168%
30	8.081	859	866	870	rVB2	352892	820741	14.96%	0.598%
31	8.263	891	897	901	rVB3	449121	949075	17.30%	0.692%
32	8.416	916	923	931	rBV5	723420	1478385	26.96%	1.077%
33	8.534	935	943	948	rBV2	536421	1031882	18.81%	0.752%
34	8.816	987	991	995	rVB3	466484	686902	12.52%	0.501%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092418\
Data File : BM016877.D
Acq On : 24 Sep 2018 15:32
Operator : SJ/JU
Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Title : SVOA CALIBRATION

35	8.863	995	999	1002	rBV	674150	1025430	18.70%	0.747%
36	9.057	1021	1032	1039	rBV8	378065	1197391	21.83%	0.873%
37	9.328	1073	1078	1084	rVV	686077	1121540	20.45%	0.817%
38	9.387	1084	1088	1100	rVB	904760	1623803	29.61%	1.183%
39	9.581	1116	1121	1128	rVV	573880	920207	16.78%	0.671%
40	9.740	1142	1148	1153	rVB3	297527	588887	10.74%	0.429%
41	9.898	1171	1175	1183	rVB2	432563	762930	13.91%	0.556%
42	10.051	1196	1201	1206	rVV2	346565	680815	12.41%	0.496%
43	10.116	1206	1212	1219	rVB	1036382	1978090	36.07%	1.441%
44	10.245	1226	1234	1238	rBV2	564062	1145252	20.88%	0.835%
45	10.492	1269	1276	1281	rBV	1491599	2884880	52.60%	2.102%
46	10.534	1281	1283	1291	rVB4	523458	831989	15.17%	0.606%
47	10.669	1301	1306	1319	rVB3	530973	1184533	21.60%	0.863%
48	10.904	1341	1346	1349	rBV2	359984	555823	10.13%	0.405%
49	10.945	1349	1353	1359	rBV5	413236	780073	14.22%	0.568%
50	11.116	1378	1382	1386	rVB2	321092	483885	8.82%	0.353%
51	11.316	1408	1416	1419	rVV3	876698	2324117	42.38%	1.694%
52	11.351	1419	1422	1425	rVV	637960	990919	18.07%	0.722%
53	11.392	1426	1429	1434	rVV3	437747	939066	17.12%	0.684%
54	11.457	1434	1440	1445	rVV	997962	1968509	35.89%	1.434%
55	11.522	1445	1451	1463	rVV5	325504	1162630	21.20%	0.847%
56	11.622	1463	1468	1471	rVV2	495068	887149	16.18%	0.646%
57	11.663	1471	1475	1477	rVV2	723817	1133389	20.67%	0.826%
58	11.692	1477	1480	1486	rVV	658770	1055159	19.24%	0.769%
59	11.839	1501	1505	1511	rBV3	537154	896633	16.35%	0.653%
60	11.910	1511	1517	1521	rBV	460236	825725	15.06%	0.602%
61	12.110	1545	1551	1556	rVB3	577522	1101533	20.08%	0.803%
62	12.169	1556	1561	1567	rVB	611839	1207722	22.02%	0.880%
63	12.316	1576	1586	1589	rBV3	968089	2321875	42.34%	1.692%
64	12.422	1599	1604	1609	rVB5	281961	576879	10.52%	0.420%
65	12.486	1609	1615	1616	rBV3	369839	608042	11.09%	0.443%
66	12.604	1632	1635	1641	rVB2	442600	658863	12.01%	0.480%
67	12.704	1641	1652	1660	rBV5	849822	2539753	46.31%	1.851%
68	12.781	1660	1665	1670	rVV2	669385	1281263	23.36%	0.934%
69	12.833	1671	1674	1679	rVV4	382735	786918	14.35%	0.573%
70	12.898	1680	1685	1693	rVB4	634279	1639238	29.89%	1.195%
71	13.169	1726	1731	1736	rBV3	580121	991107	18.07%	0.722%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092418\
Data File : BM016877.D
Acq On : 24 Sep 2018 15:32
Operator : SJ/JU
Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Title : SVOA CALIBRATION

72	13.269	1744	1748	1751	rBV	375998	648734	11.83%	0.473%
73	13.422	1768	1774	1780	rBV2	491458	927634	16.91%	0.676%
74	13.575	1797	1800	1804	rVV	456390	657738	11.99%	0.479%
75	13.622	1804	1808	1812	rVV	439989	756666	13.80%	0.551%
76	13.692	1818	1820	1827	rVV2	434778	802850	14.64%	0.585%
77	13.769	1828	1833	1837	rVV	2042325	3007109	54.83%	2.191%
78	13.810	1837	1840	1845	rVV	675618	1089315	19.86%	0.794%
79	13.951	1856	1864	1870	rVV4	405003	1053718	19.21%	0.768%
80	14.045	1875	1880	1884	rVV	2028144	3156737	57.56%	2.300%
81	14.086	1884	1887	1896	rVB4	428823	784153	14.30%	0.571%
82	14.351	1926	1932	1943	rVB2	1823424	2976806	54.28%	2.169%
83	14.557	1962	1967	1973	rBV2	349285	503935	9.19%	0.367%
84	14.904	2023	2026	2033	rVB	321451	521265	9.50%	0.380%
85	15.345	2095	2101	2107	rBV	2735864	3973555	72.45%	2.896%
86	15.463	2116	2121	2128	rBV	793881	1084963	19.78%	0.791%
87	17.098	2394	2399	2406	rVB	2305449	3248409	59.23%	2.367%
88	17.198	2410	2416	2422	rBV2	3147485	4293495	78.29%	3.129%
89	18.010	2549	2554	2568	rBV	1201175	1865105	34.01%	1.359%
90	19.292	2768	2772	2781	rBV	863083	1188131	21.66%	0.866%
91	19.498	2801	2807	2814	rBV	3770015	5168373	94.24%	3.766%
92	21.015	3061	3065	3074	rBV	473763	598595	10.91%	0.436%
93	21.286	3106	3111	3121	rBV	3335314	4214179	76.84%	3.071%
94	22.350	3288	3292	3300	rBV	519853	671292	12.24%	0.489%
95	22.856	3374	3378	3386	rVB	619808	904259	16.49%	0.659%
96	23.374	3460	3466	3471	rBV	3034193	5484434	100.00%	3.997%
97	23.421	3471	3474	3483	rVV	688704	1204974	21.97%	0.878%
98	23.521	3484	3491	3501	rVB2	2209248	4290172	78.22%	3.126%
99	24.068	3579	3584	3591	rVB	543584	995391	18.15%	0.725%
100	24.815	3706	3711	3717	rVB	316927	662552	12.08%	0.483%

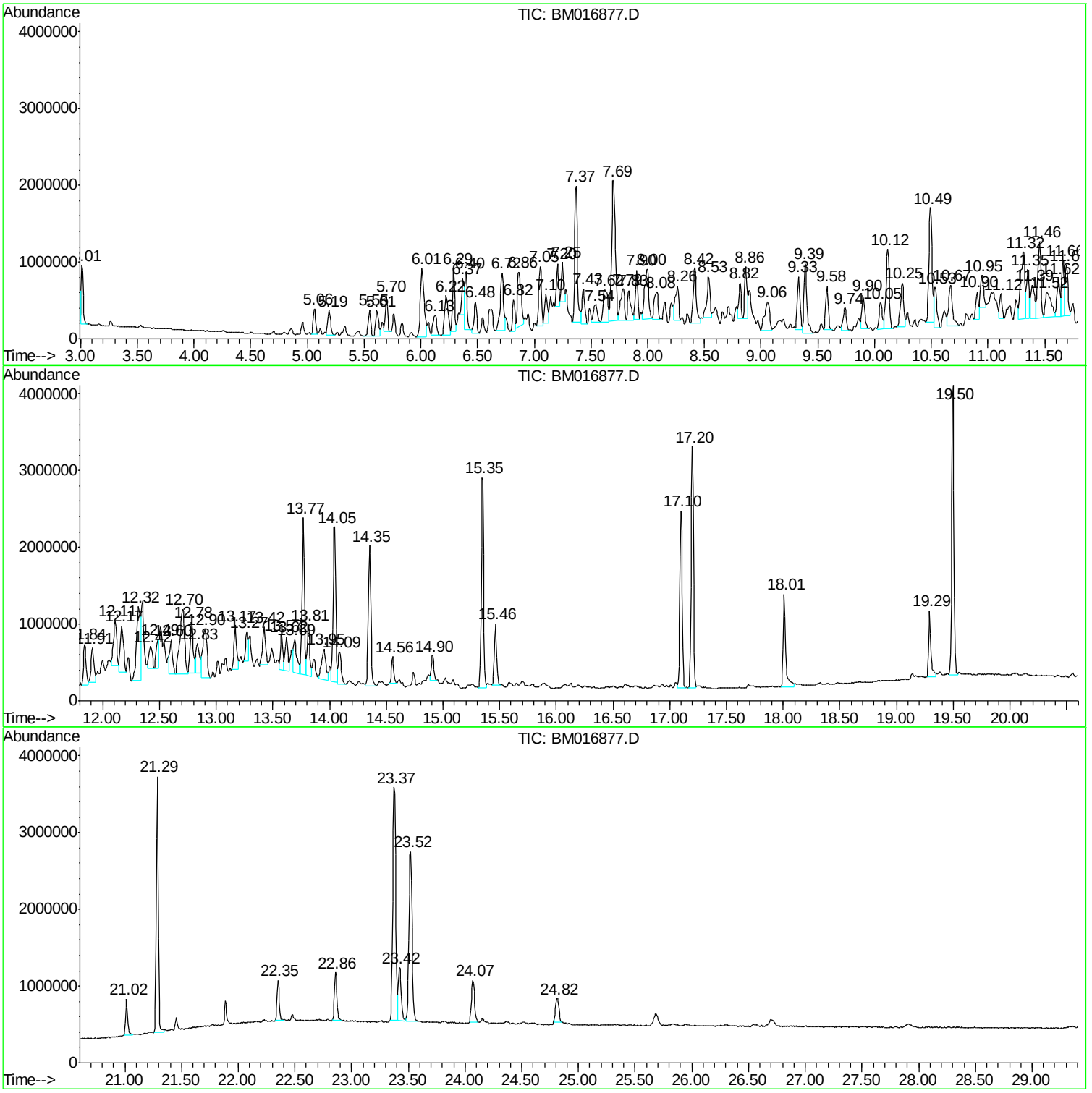
Sum of corrected areas: 137226983

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092418\
Data File : BM016877.D
Acq On : 24 Sep 2018 15:32
Operator : SJ/JU
Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092418\
Data File : BM016877.D
Acq On : 24 Sep 2018 15:32
Operator : SJ/JU
Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

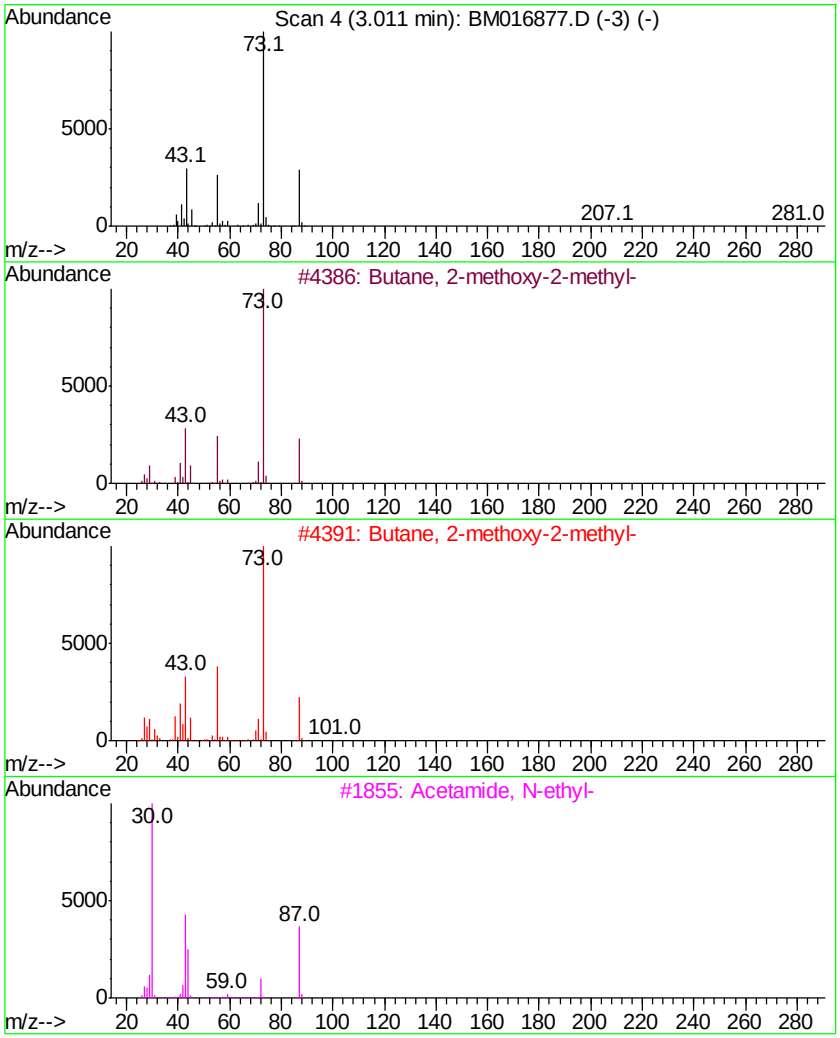
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

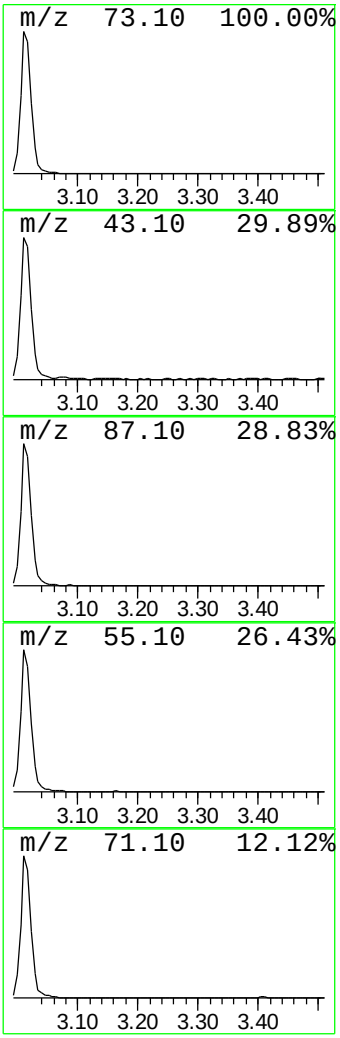
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.01	3.59 ng/ul	726391	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092418\
Data File : BM016877.D
Acq On : 24 Sep 2018 15:32
Operator : SJ/JU
Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

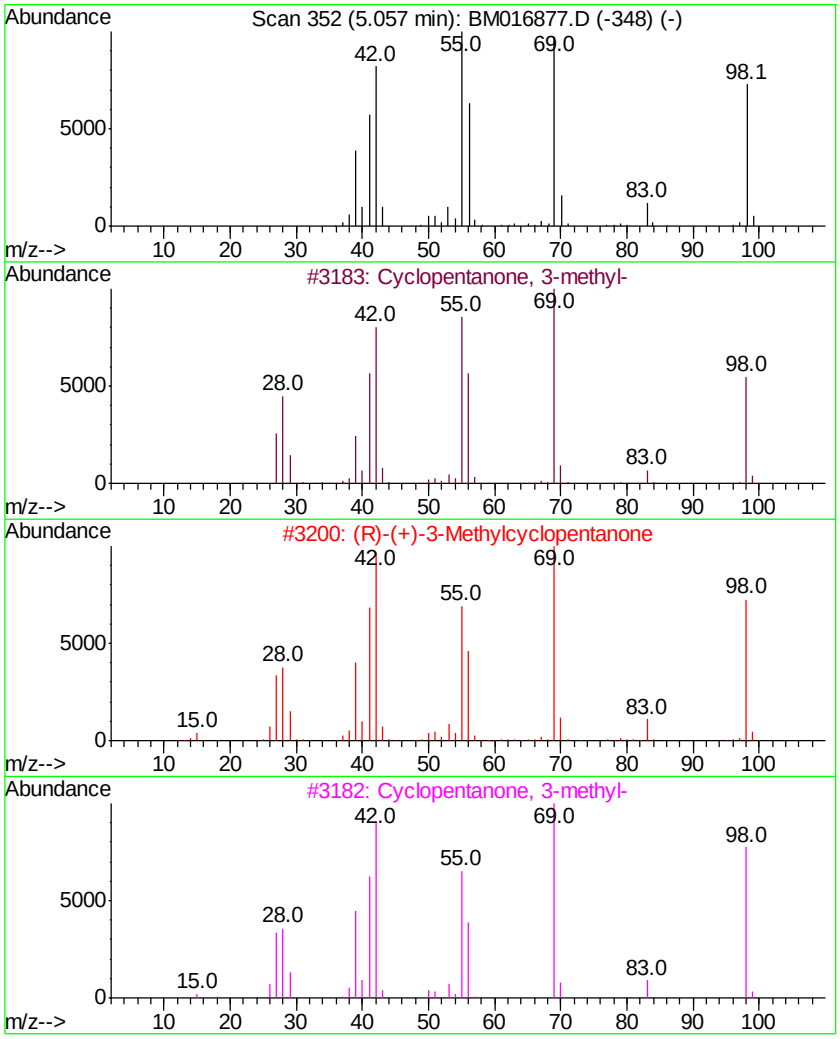
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

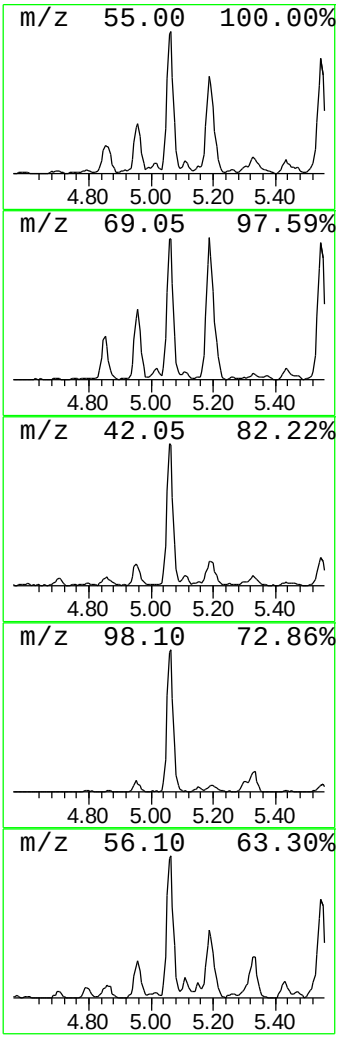
****

Peak Number 2 Cyclopentanone, 3-methyl- Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	2.38 ng/ul	482224	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 3-methyl-	98	C6H10O	001757-42-2	93
2	(R)-(+)-3-Methylcyclopentanone	98	C6H10O	006672-30-6	91
3	Cyclopentanone, 3-methyl-	98	C6H10O	001757-42-2	90
4	Cyclopentanone, 3-methyl-	98	C6H10O	001757-42-2	87
5	(R)-(+)-3-Methylcyclopentanone	98	C6H10O	006672-30-6	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092418\
Data File : BM016877.D
Acq On : 24 Sep 2018 15:32
Operator : SJ/JU
Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

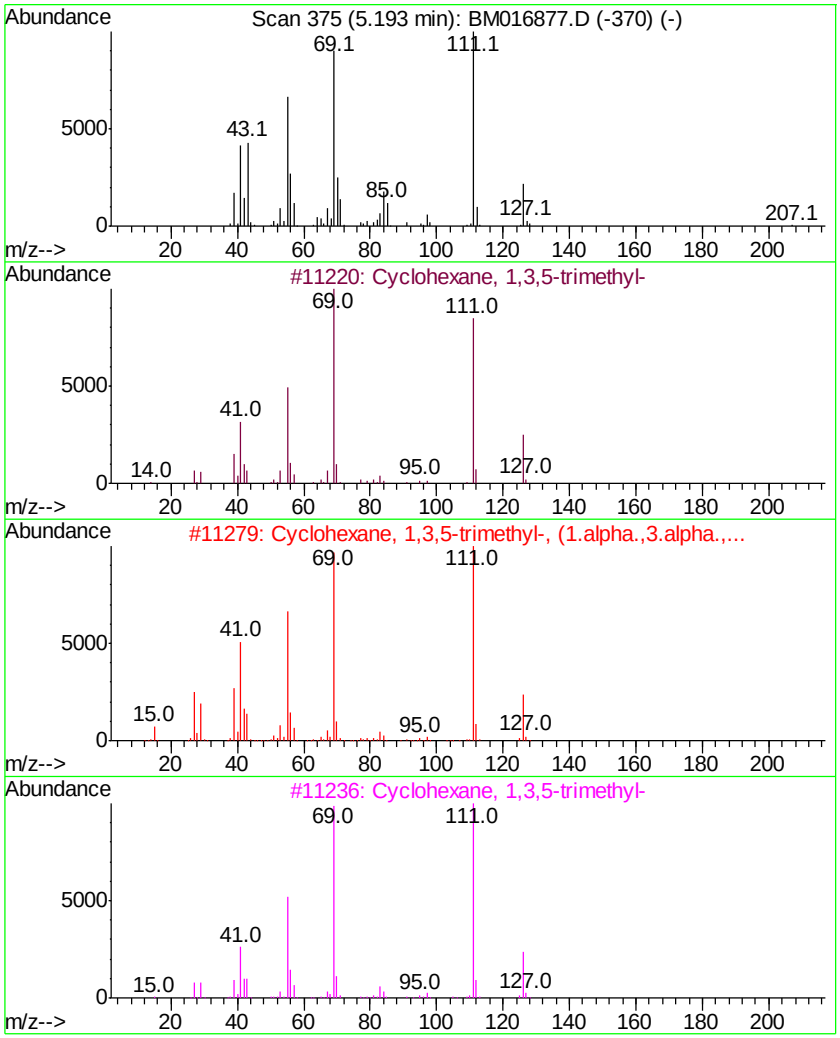
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

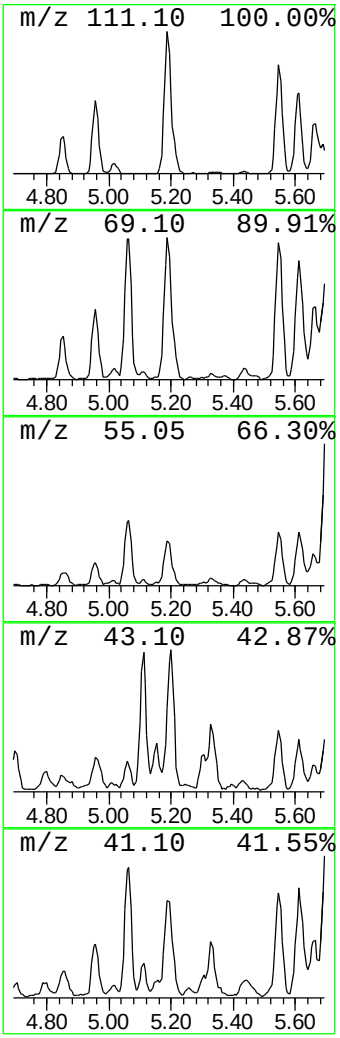
****

Peak Number 3 (DEL) Alkane: Cyclic5.19 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	2.91 ng/ul	588632	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	81
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	80
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	80
4	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	76
5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092418\
Data File : BM016877.D
Acq On : 24 Sep 2018 15:32
Operator : SJ/JU
Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

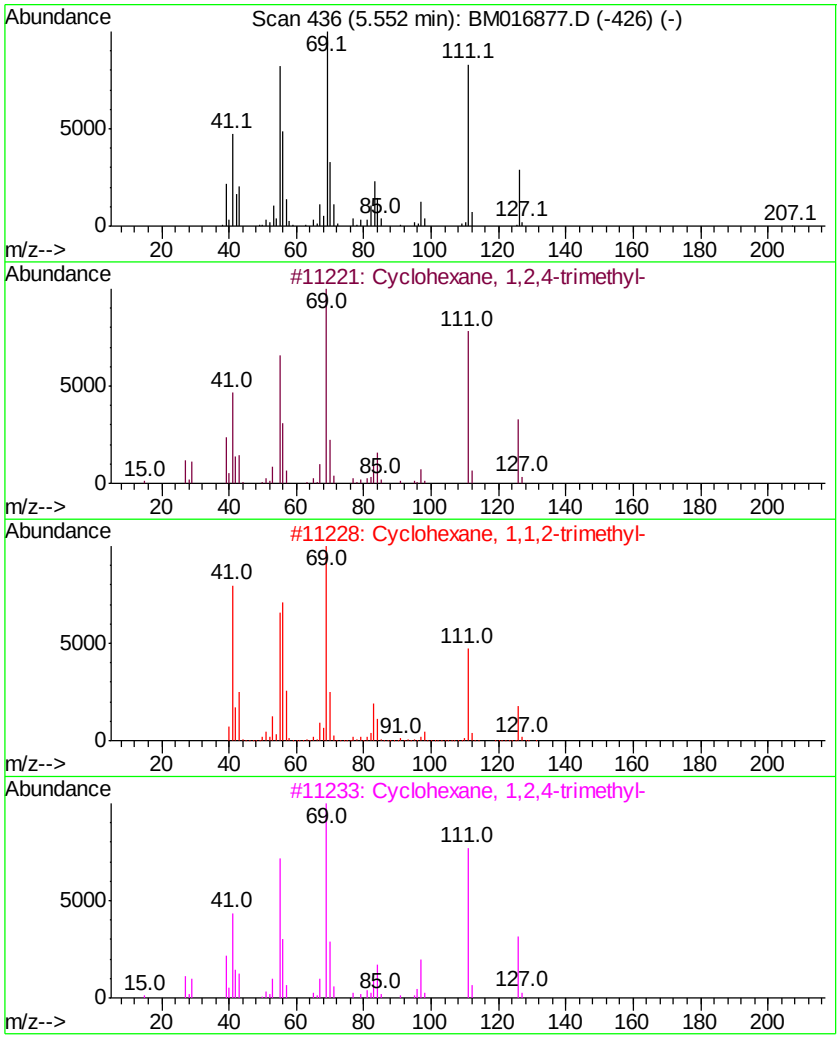
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

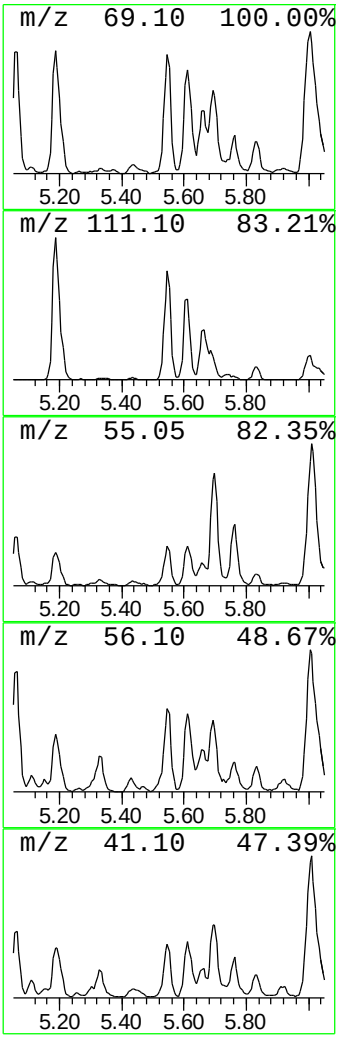
****

Peak Number 4 (DEL) Alkane: Cyclic5.55 Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.55	2.72 ng/ul	549322	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	87
2	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	81
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	81
4	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	76
5	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092418\
Data File : BM016877.D
Acq On : 24 Sep 2018 15:32
Operator : SJ/JU
Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

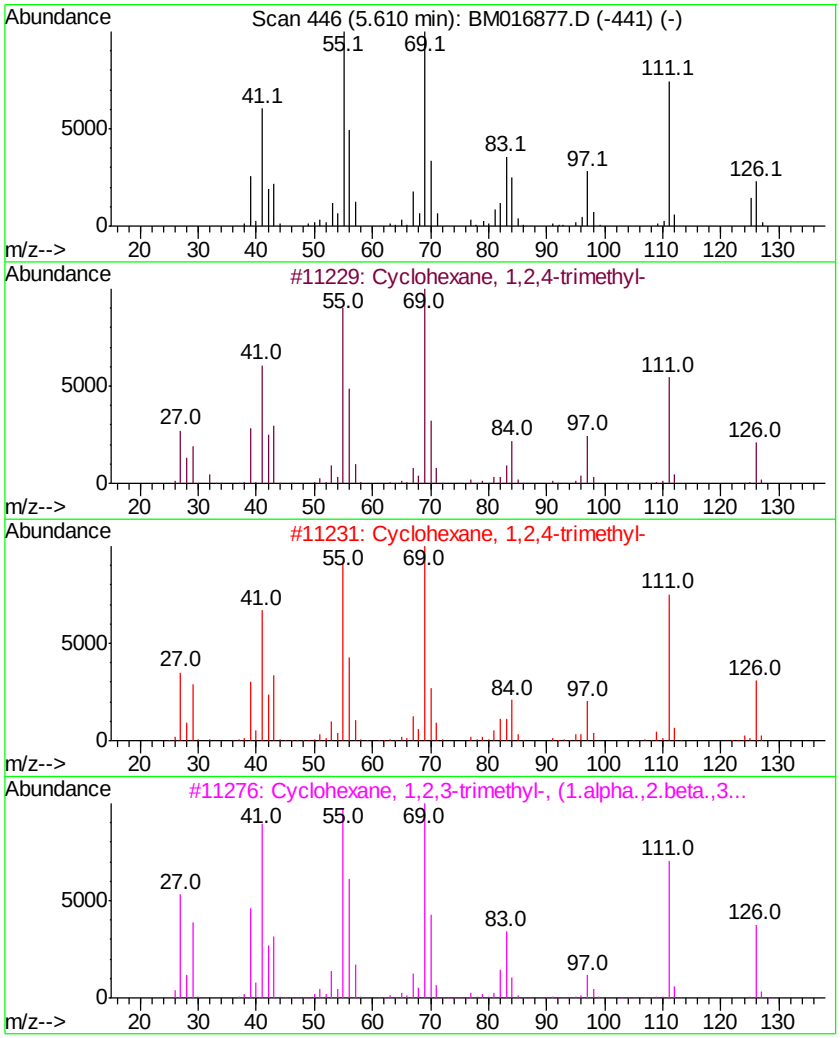
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

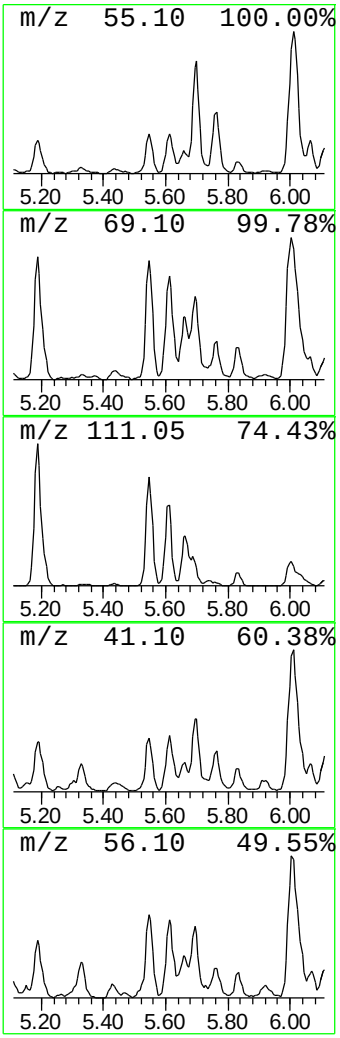
****

Peak Number 5 (DEL) Alkane: Cyclic5.61 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.61	3.05 ng/ul	616705	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	94
2	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	93
3	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	83
4	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	76
5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	70





Library Search Compound Report

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Data File : BM016877.D
Acq On : 24 Sep 2018 15:32
Operator : SJ/JU
Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

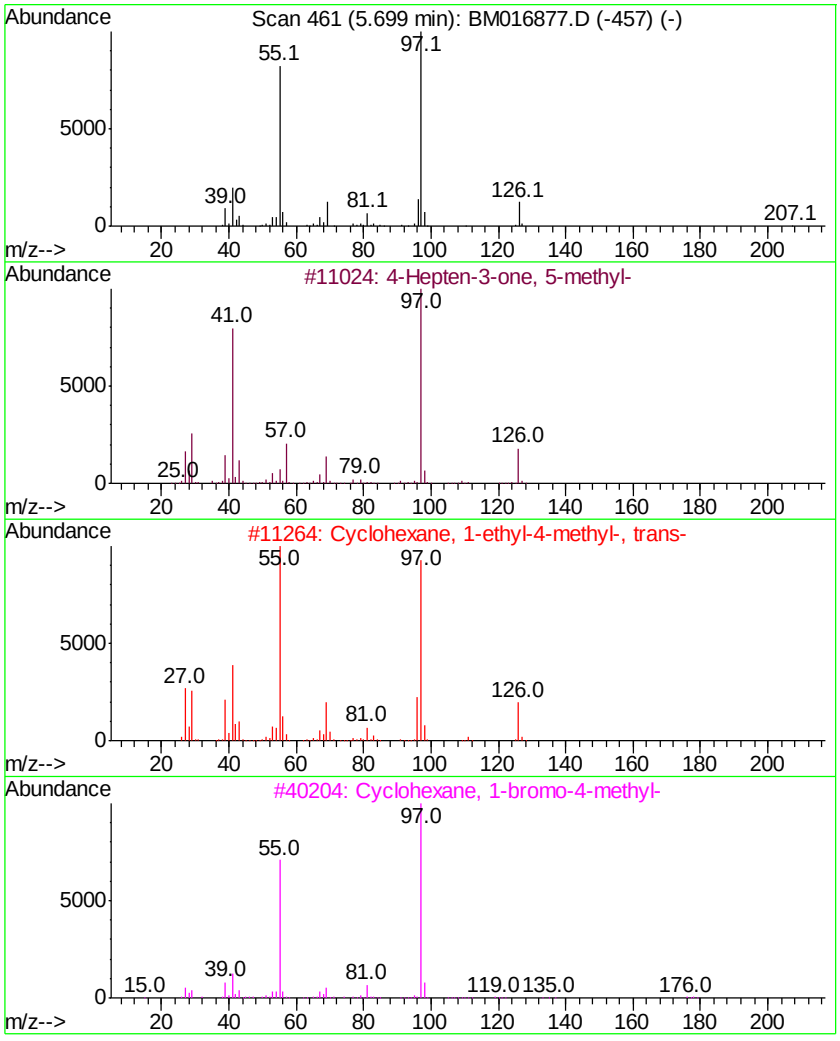
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

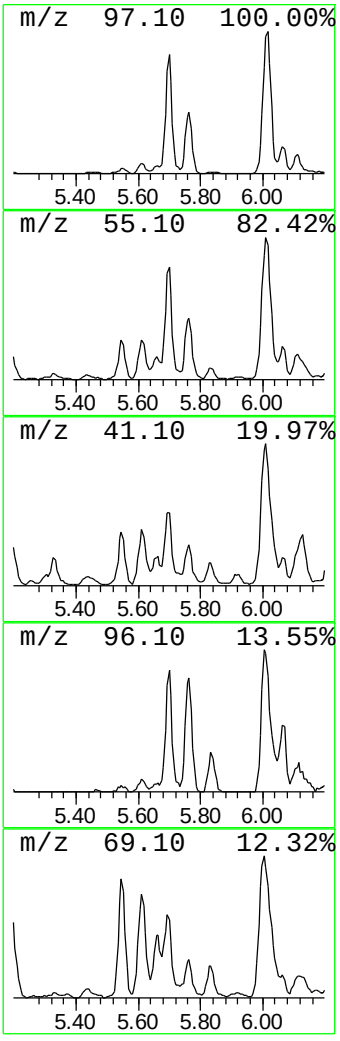
****

Peak Number 6 4-Hepten-3-one, 5-methyl- Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	3.19 ng/ul	645914	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hepten-3-one, 5-methyl-	126	C8H14O	001447-26-3	72
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	70
3	Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	64
4	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	64
5	Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	64





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Acq On : 24 Sep 2018 15:32
Operator : SJ/JU
Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

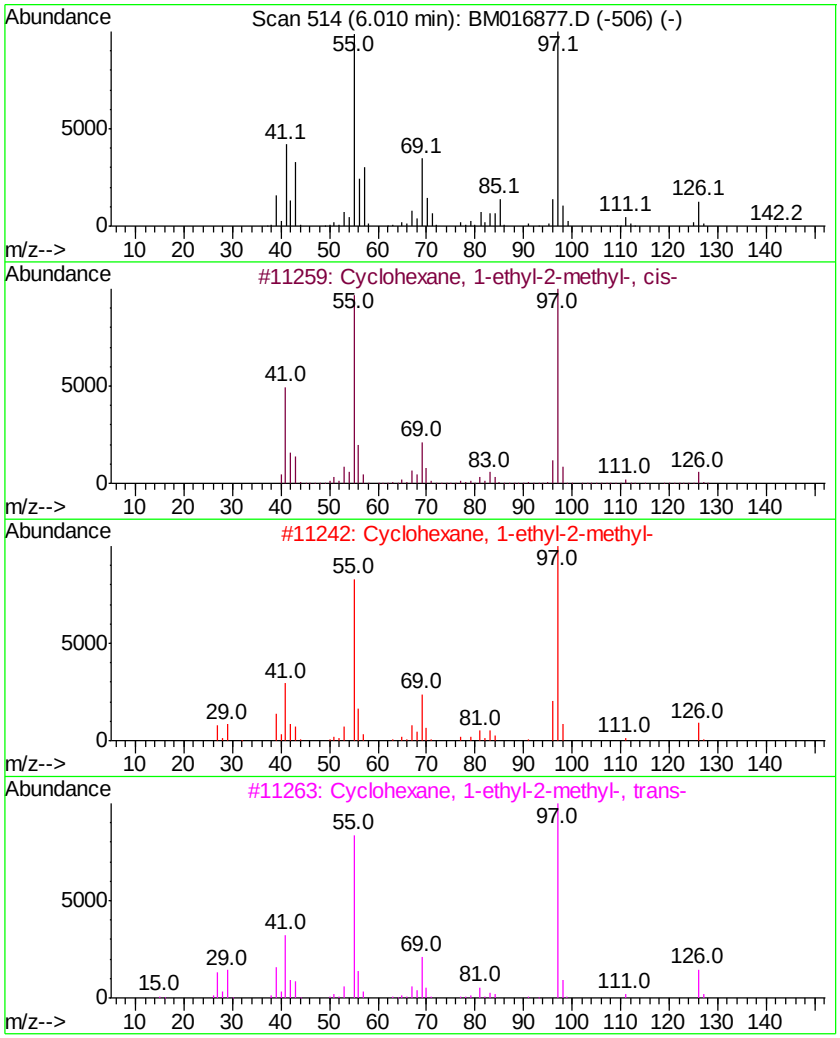
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

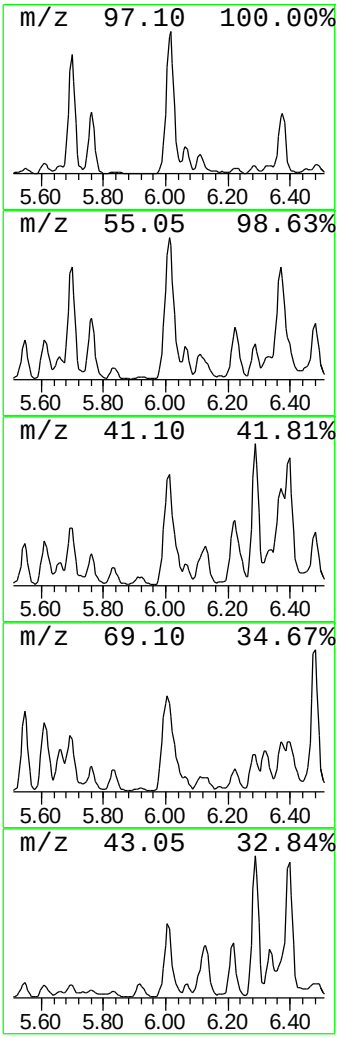
****

Peak Number 7 (DEL) Alkane: Cyclic6.01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.01	10.31 ng/ul	2084130	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	72
2	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	64
3	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	64
4	1H-Pyrazole, 5-ethyl-4,5-dihydro...	126	C7H14N2	021981-22-6	58
5	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	53





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Operator : SJ/JU
Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

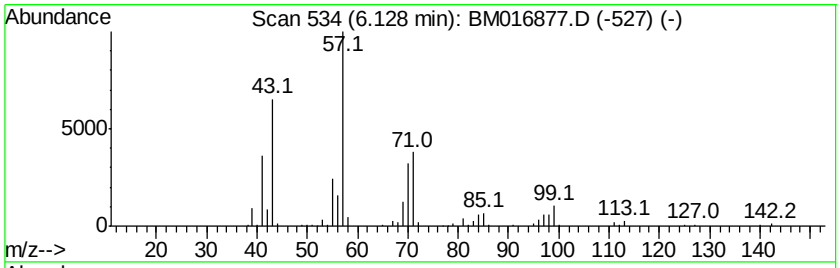
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

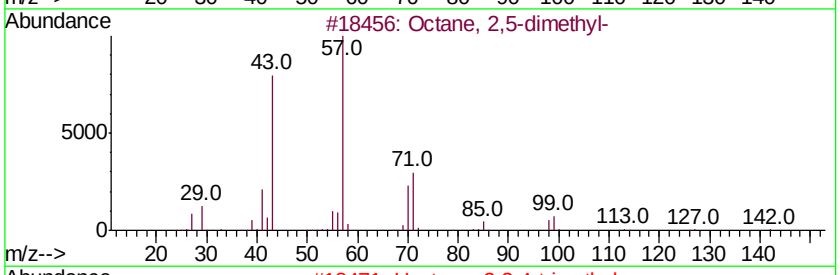
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

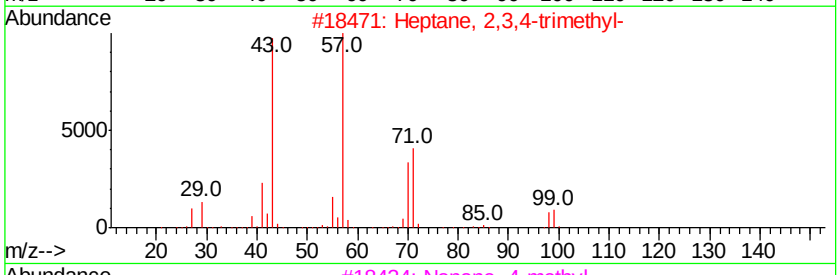
****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 66

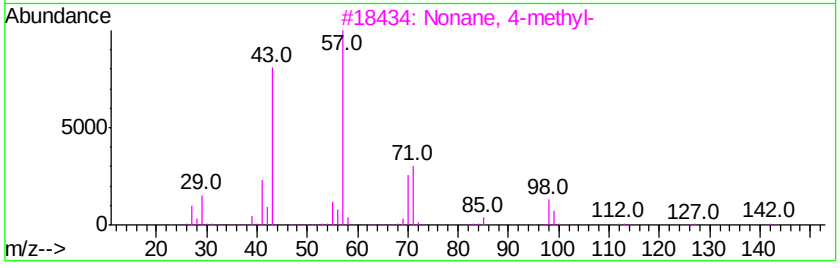
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	3.00 ng/ul	606256	1,4-Dichlorobenzene-d4	7.72

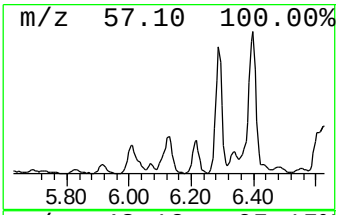
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	68
2	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	59
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	58
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	53
5	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	53

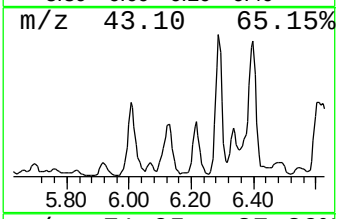


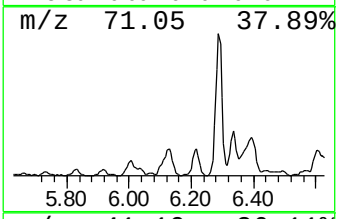


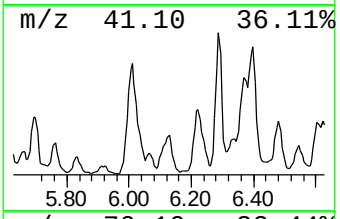


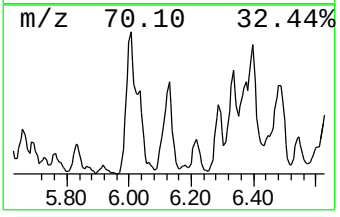












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092418\
Data File : BM016877.D
Acq On : 24 Sep 2018 15:32
Operator : SJ/JU
Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

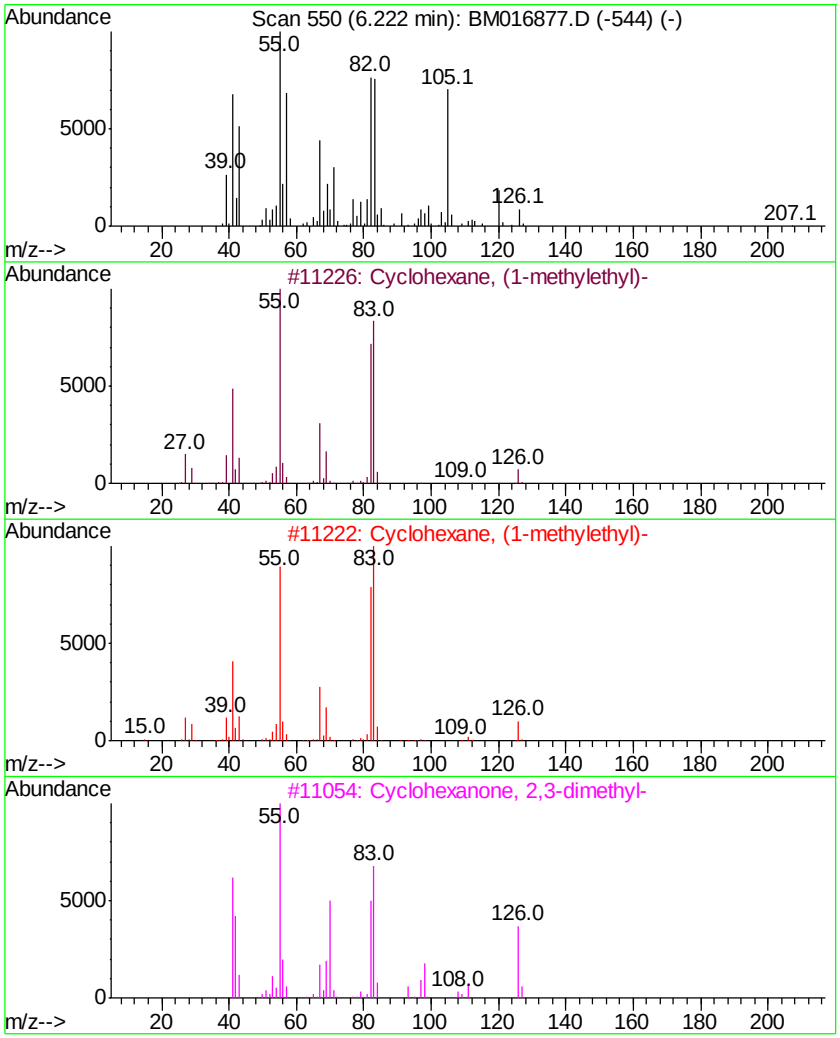
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

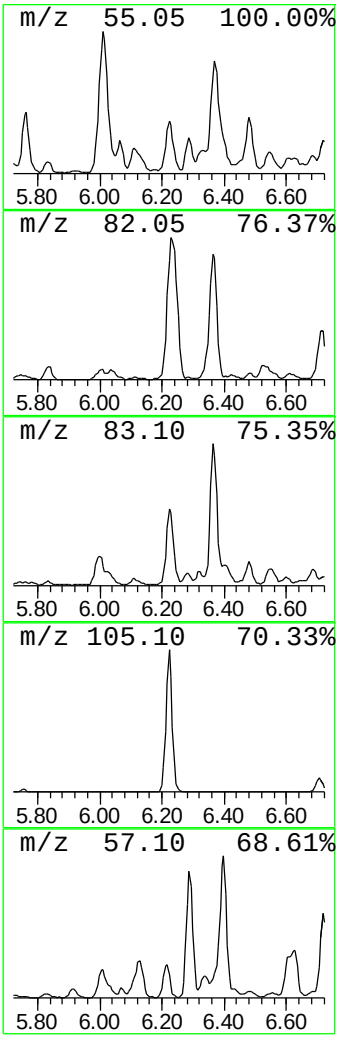
****

Peak Number 9 (DEL) Alkane: Cyclic6.22 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	5.85 ng/ul	1183100	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	81
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	58
3	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	47
4	1H-Pyrrole, 2,3-dihydro-1-methyl-	83	C5H9N	033838-11-8	47
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	43





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Acq On : 24 Sep 2018 15:32
Operator : SJ/JU
Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

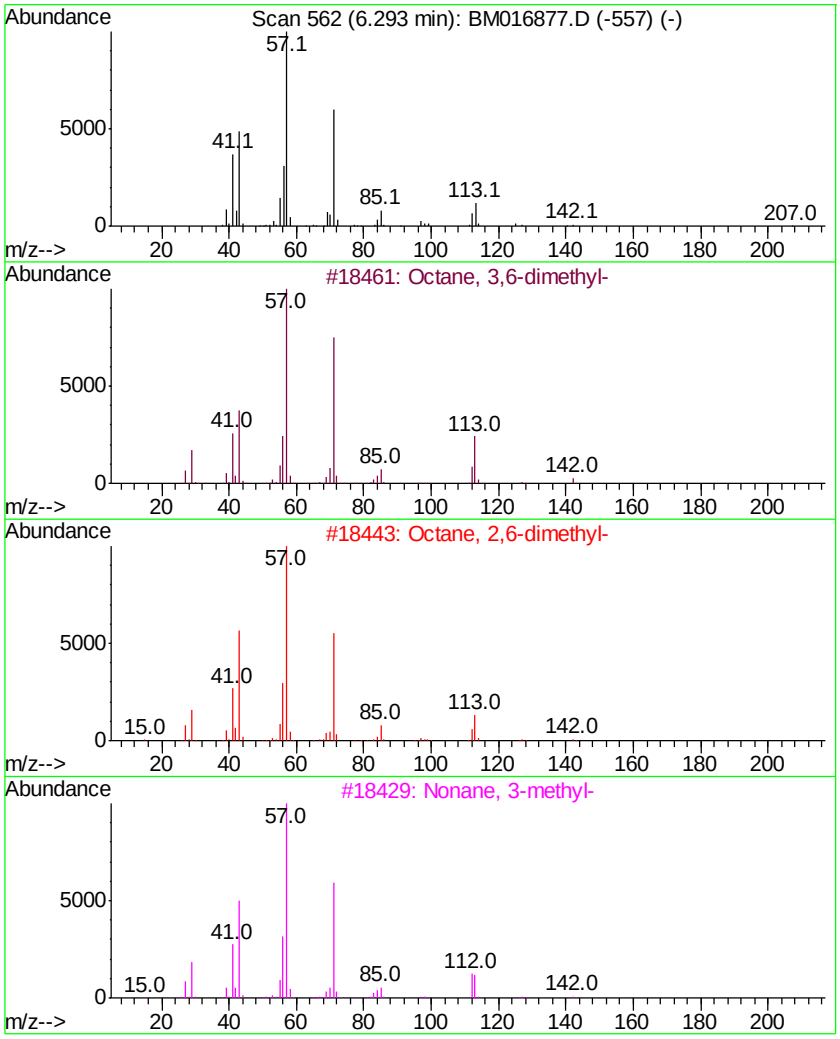
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

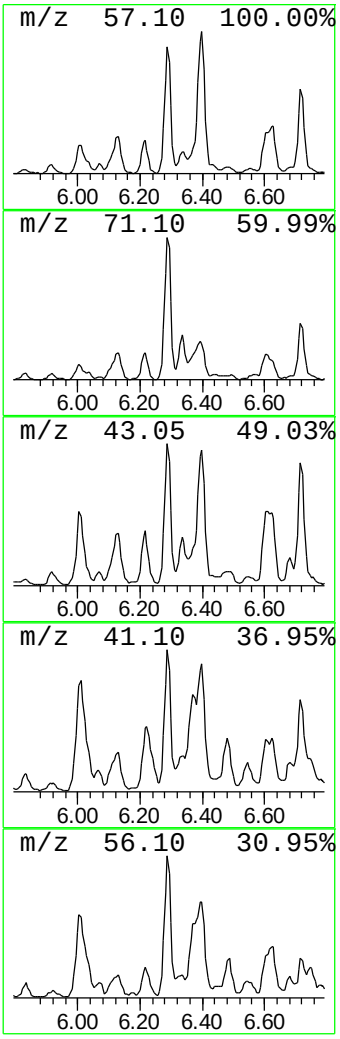
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	5.60 ng/ul	1132520	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87





Library Search Compound Report

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Acq On : 24 Sep 2018 15:32
Operator : SJ/JU
Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

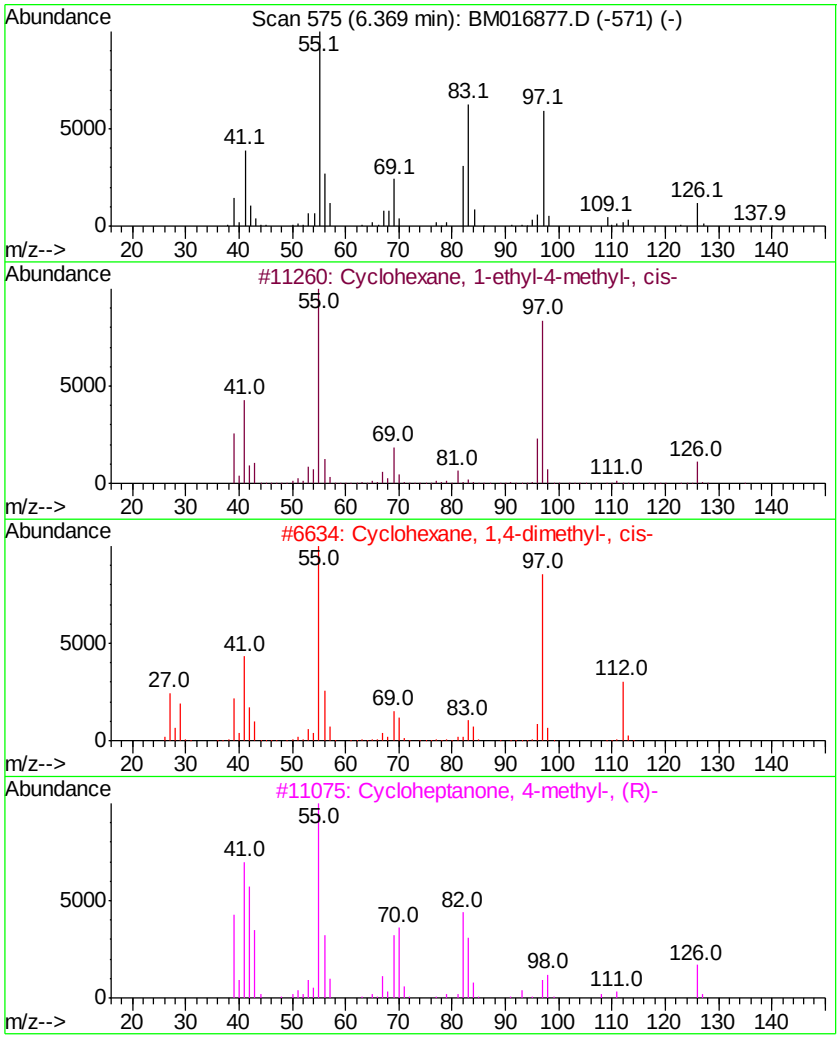
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

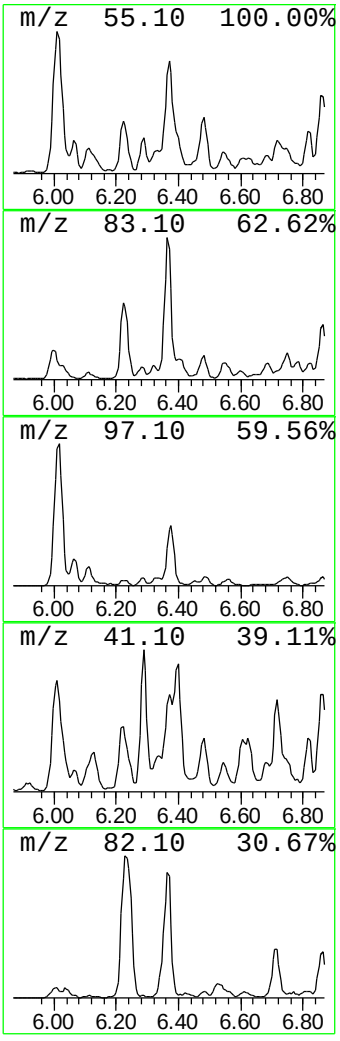
****

Peak Number 11 (DEL) Alkane: Cyclic6.37 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	3.31 ng/ul	670395	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	50
2	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	49
3	Cycloheptanone, 4-methyl-, (R)-	126	C8H14O	013609-59-1	46
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	43
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	41





Library Search Compound Report

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Data File : BM016877.D
Acq On : 24 Sep 2018 15:32
Operator : SJ/JU
Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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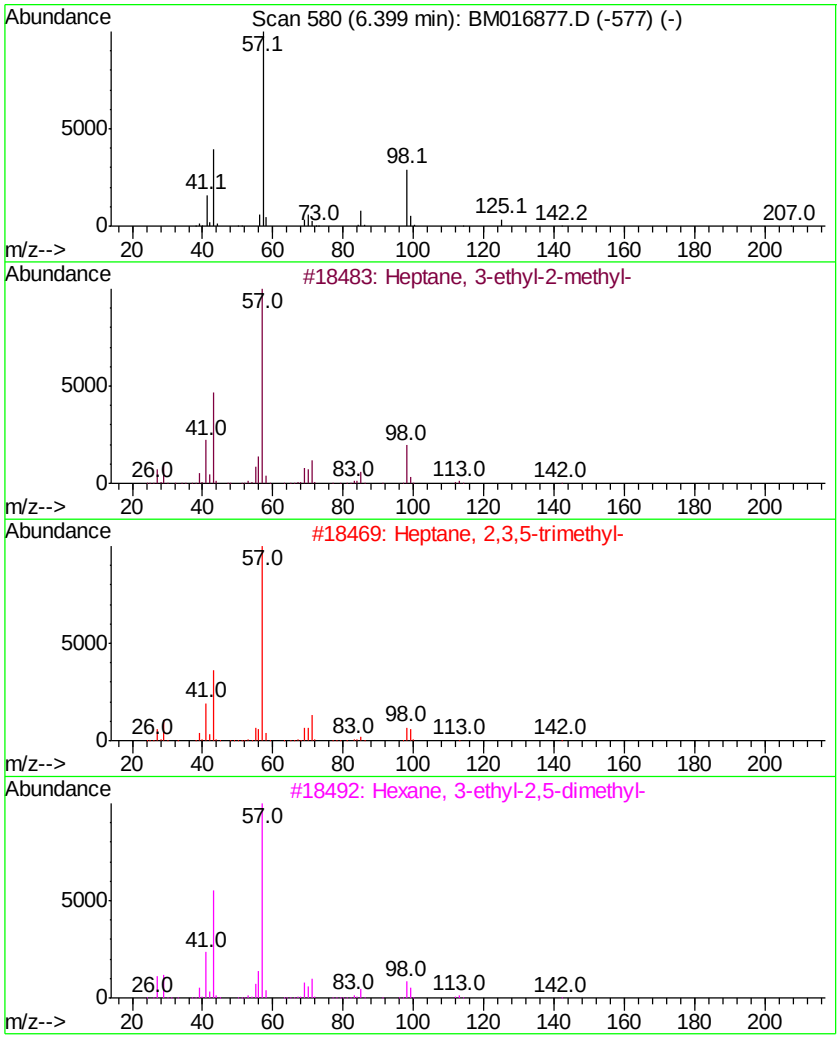
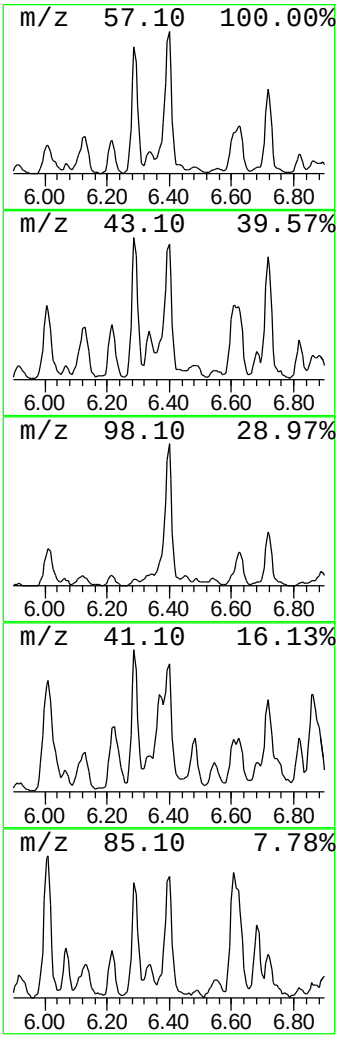
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	5.35 ng/ul	1082250	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	40
2	Heptane, 2,3,5-trimethyl-	142	C10H22	020278-85-7	38
3	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	37
4	Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	17
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	12





Library Search Compound Report

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Data File : BM016877.D
Acq On : 24 Sep 2018 15:32
Operator : SJ/JU
Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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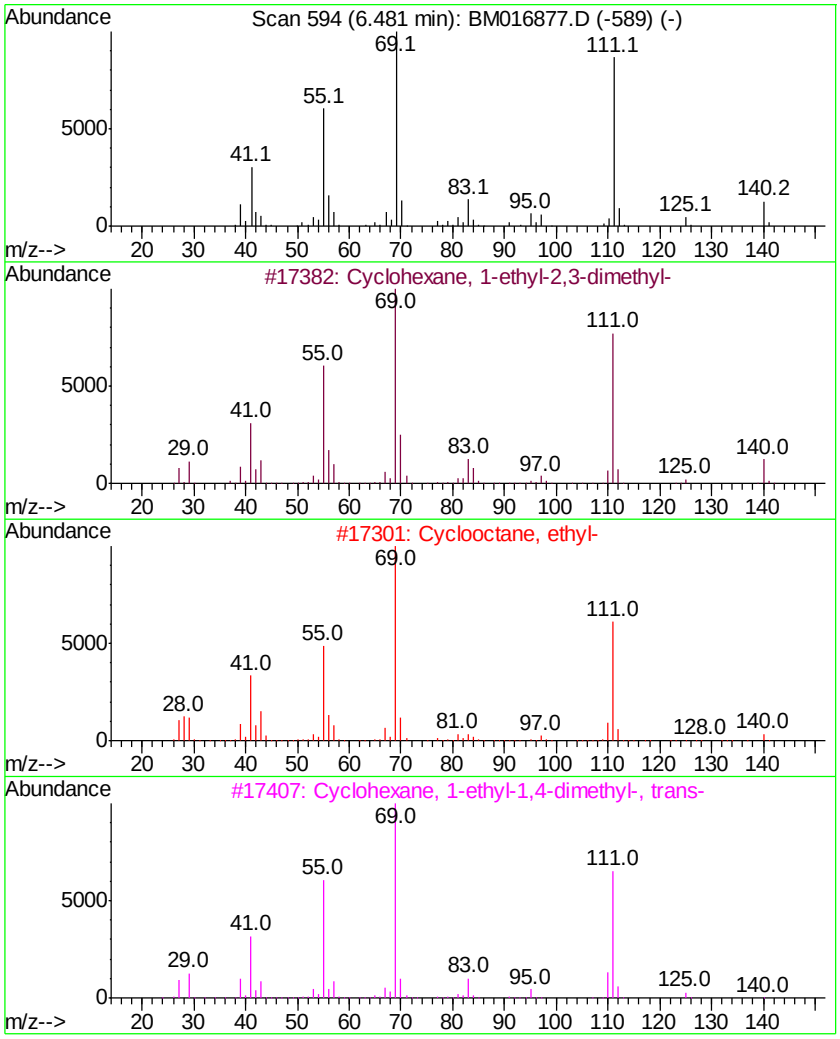
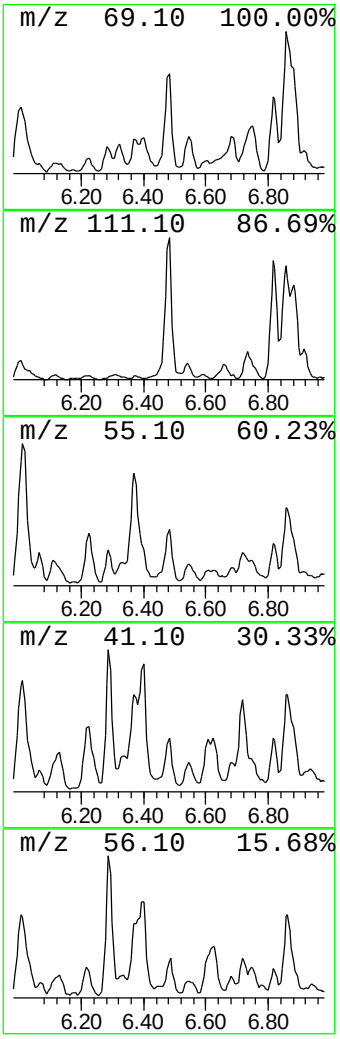
Peak Number 13 (DEL) Alkane: Cyclic6.48 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	3.15 ng/ul	637469	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	90
2	Cyclooctane, ethyl-	140	C10H20	013152-02-8	90
3	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	86
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	72
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72





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Operator : SJ/JU
Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

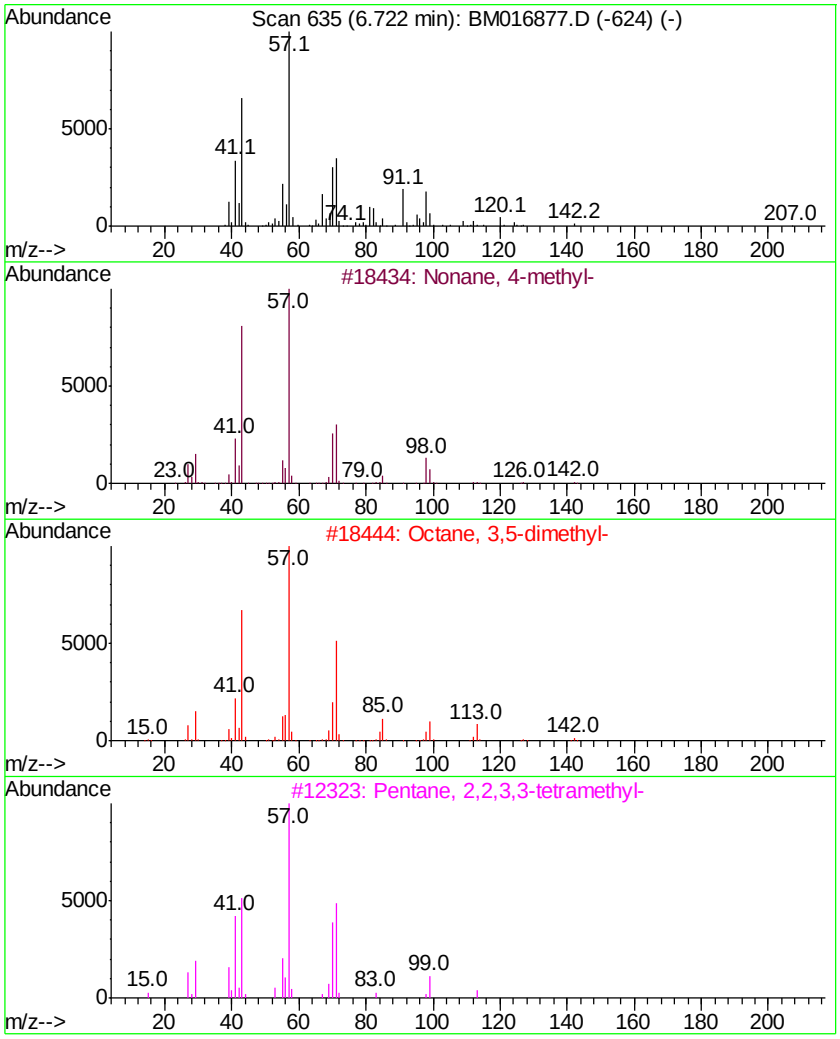
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

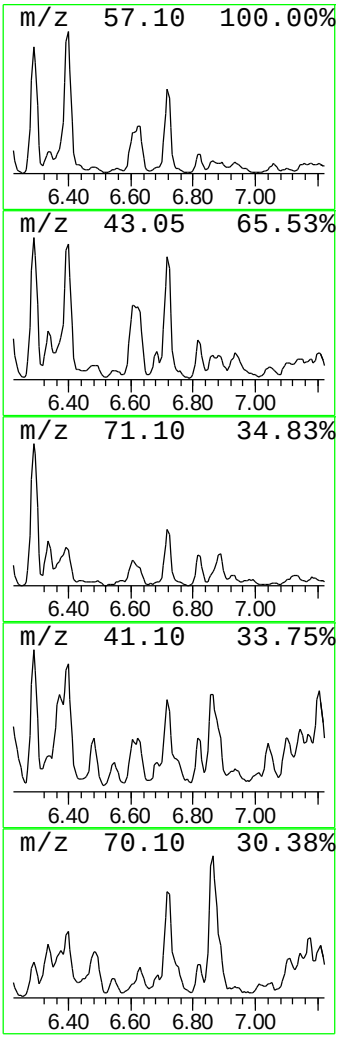
****

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	7.47 ng/ul	1509860	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	43
3	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	43
4	Dodecane, 6-methyl-	184	C13H28	006044-71-9	38
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	38





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Operator : SJ/JU
Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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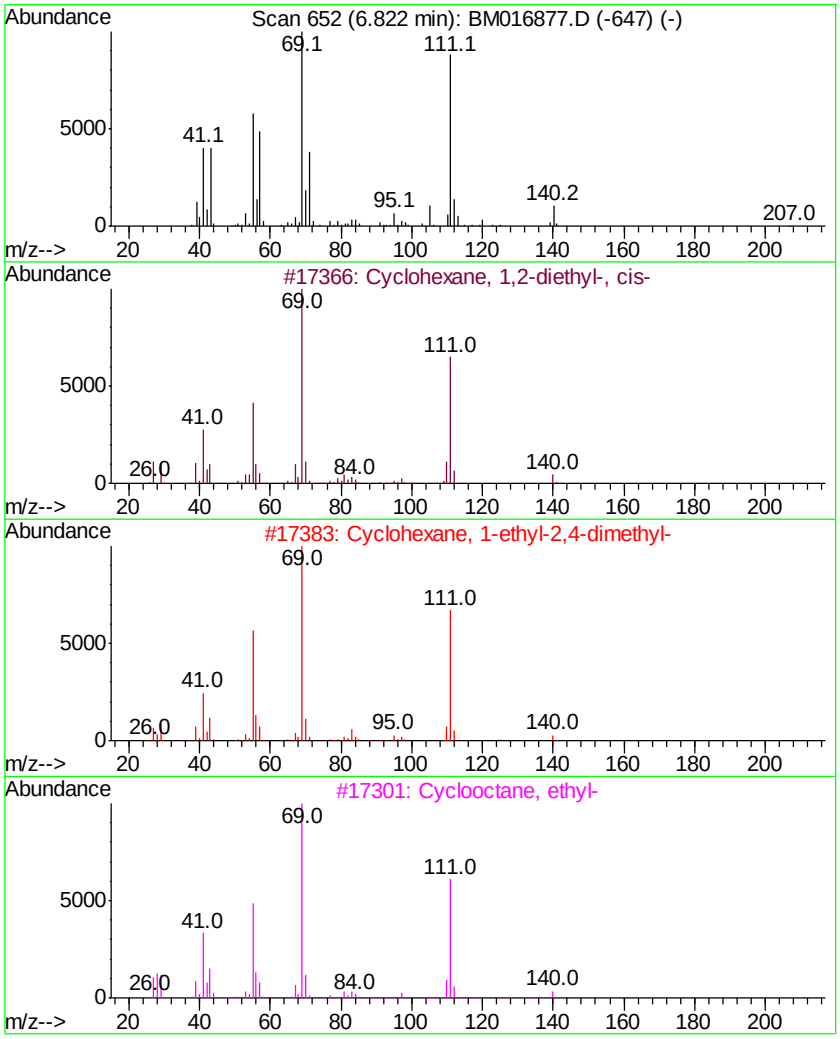
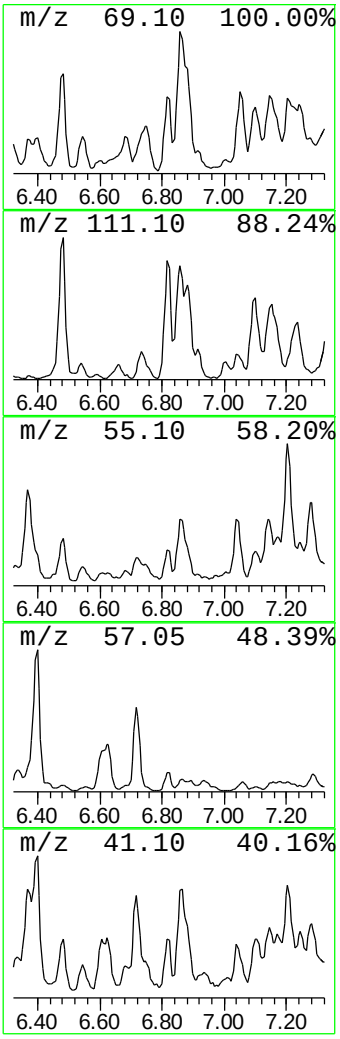
Peak Number 15 (DEL) Alkane: Cyclic6.82 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	2.87 ng/ul	580336	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-diethyl-, cis-	140	C10H20	000824-43-1	53
2	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	53
3	Cyclooctane, ethyl-	140	C10H20	013152-02-8	53
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	53
5	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	53





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Acq On : 24 Sep 2018 15:32
Operator : SJ/JU
Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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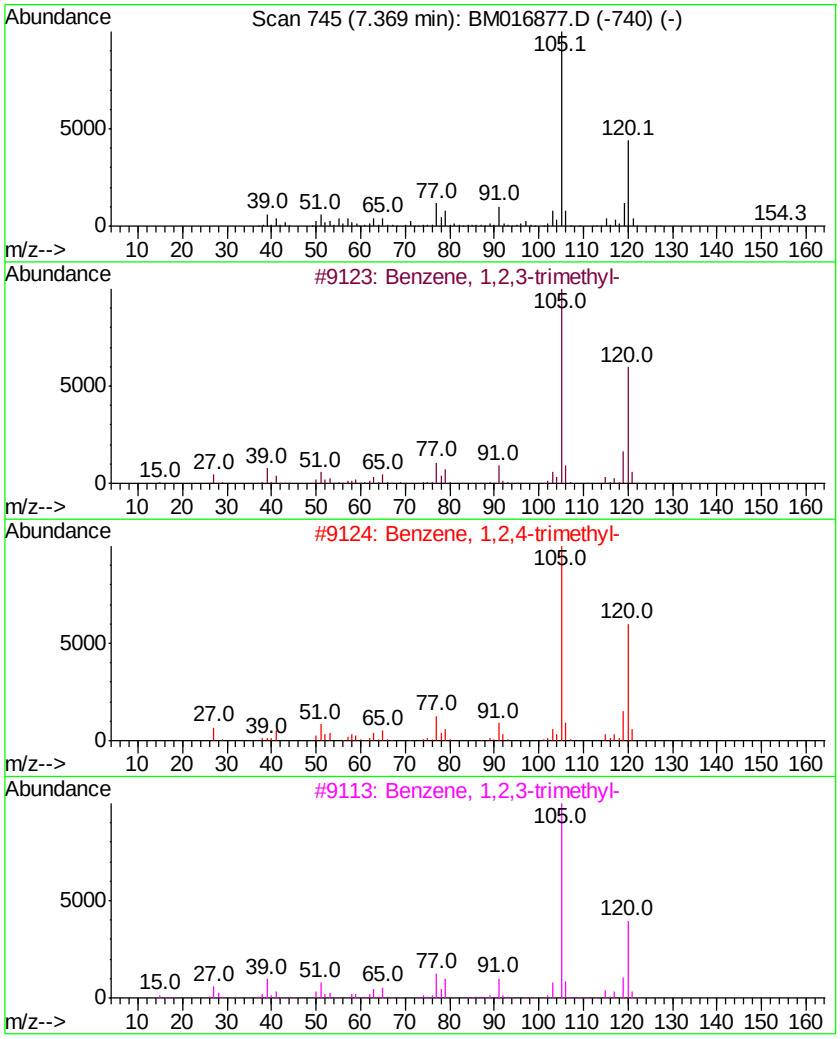
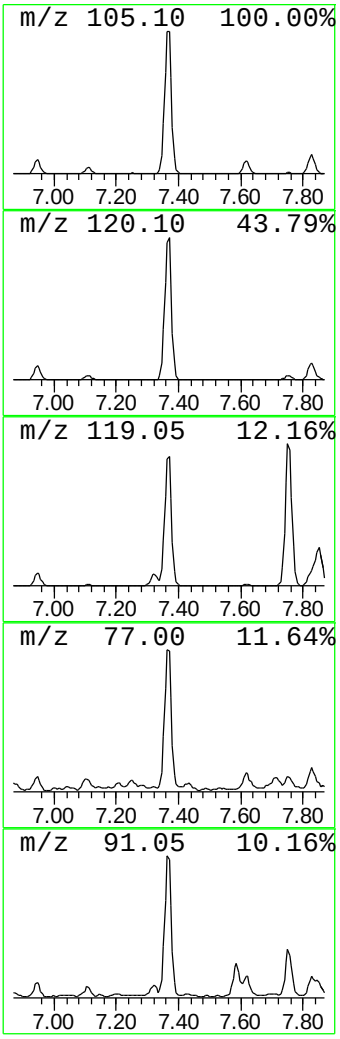
Peak Number 16 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	14.10 ng/ul	2852360	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





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Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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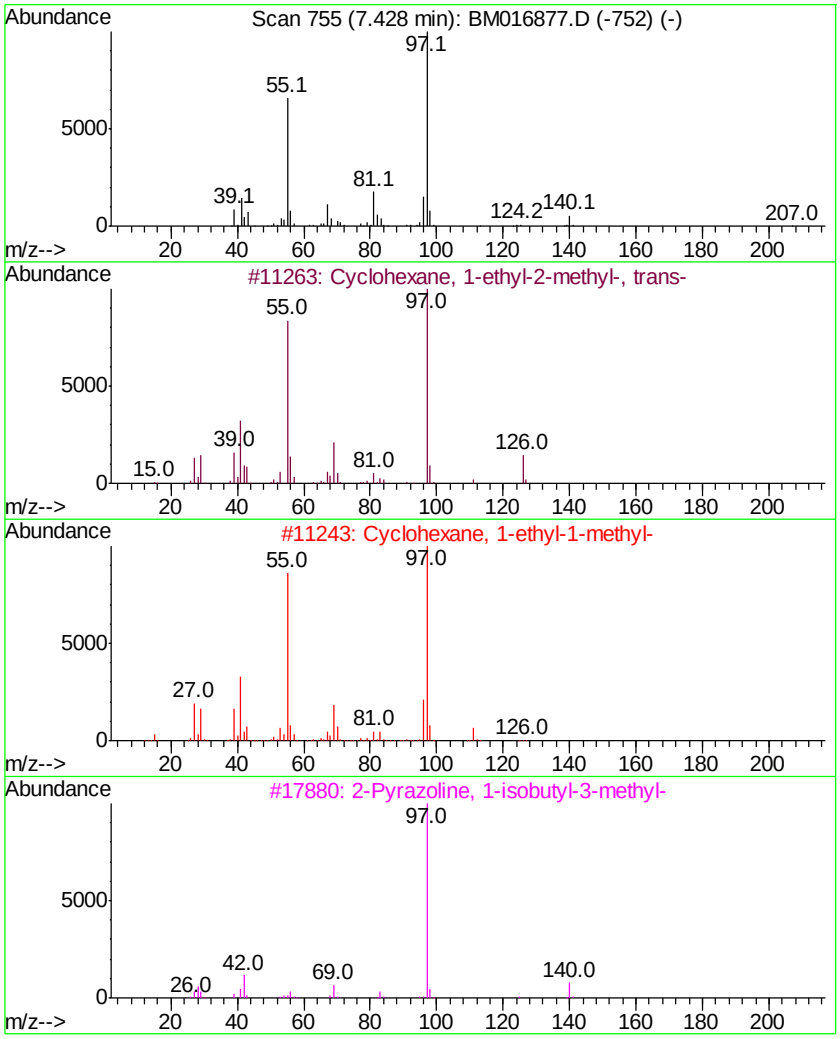
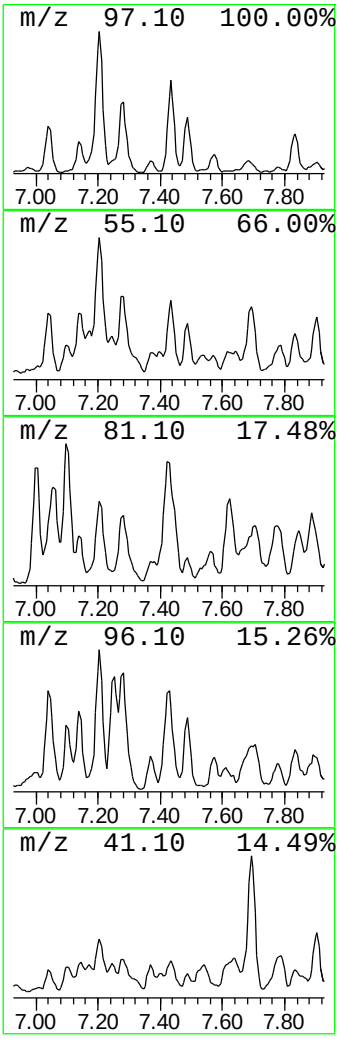
Peak Number 17 (DEL) Alkane: Cyclic7.43 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	3.99 ng/ul	806163	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	72
2	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	72
3	2-Pyrazoline, 1-isobutyl-3-methyl-	140	C8H16N2	026964-53-4	64
4	Bicyclo[3.3.1]nonan-1-ol	140	C9H16O	015158-56-2	64
5	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	50





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Operator : SJ/JU
Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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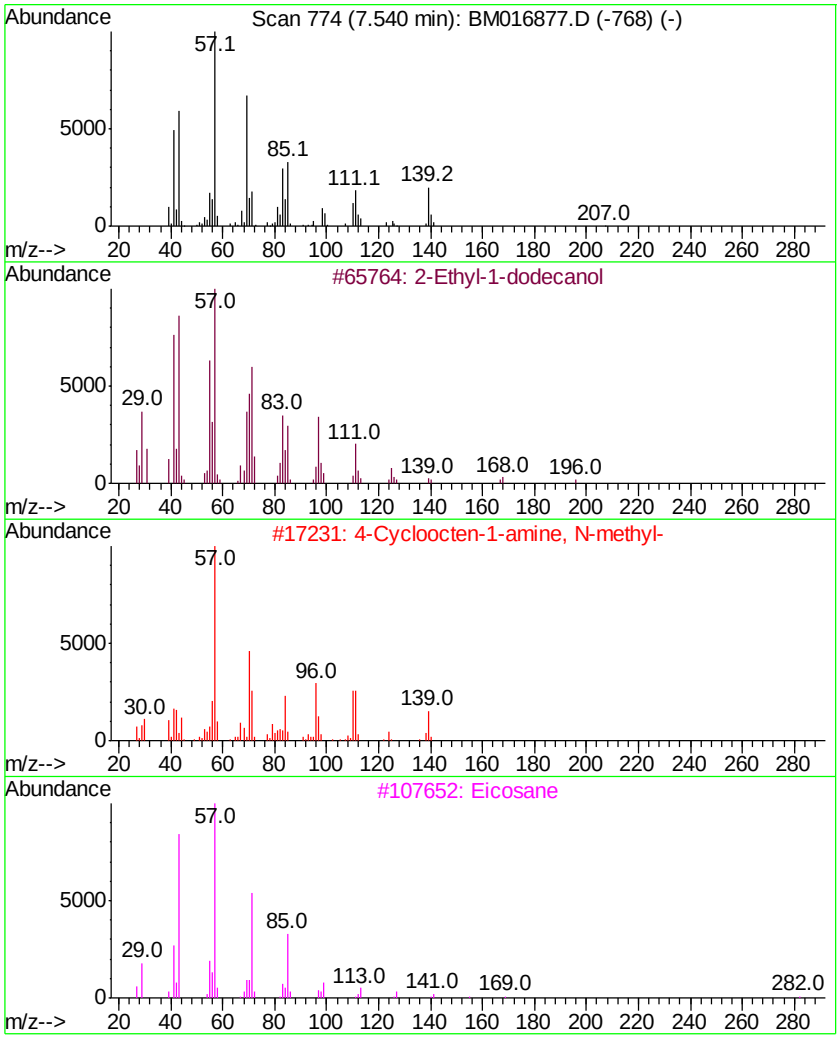
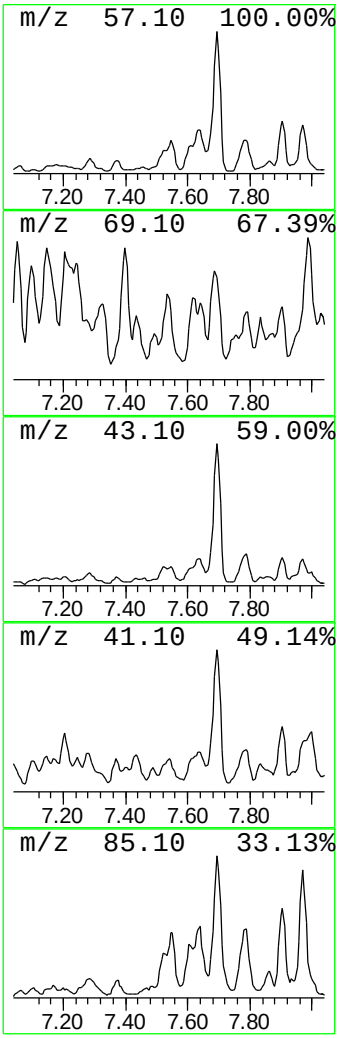
Peak Number 18 2-Ethyl-1-dodecanol Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	2.78 ng/ul	562933	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	53
2	4-Cycloocten-1-amine, N-methyl-	139	C9H17N	038278-15-8	43
3	Eicosane	282	C20H42	000112-95-8	35
4	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	35
5	Acetic acid, (3-allyloxy-1,1-dim...	200	C11H20O3	1000265-71-3	27





Library Search Compound Report

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Operator : SJ/JU
Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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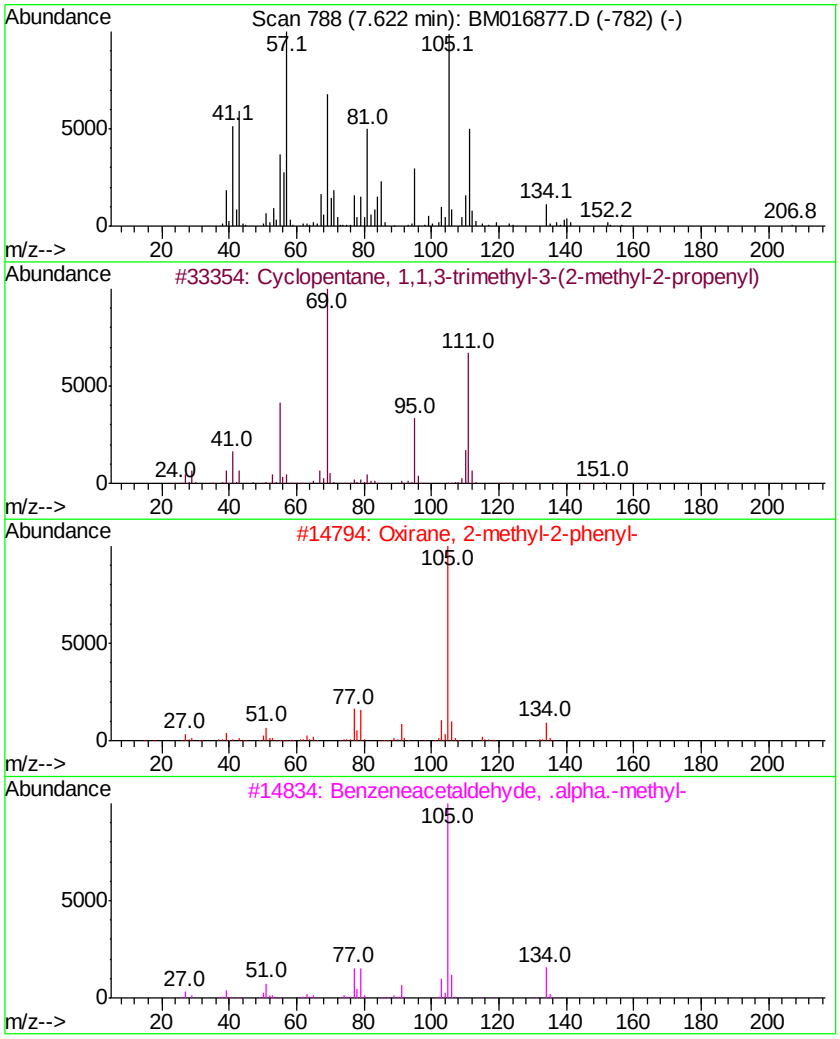
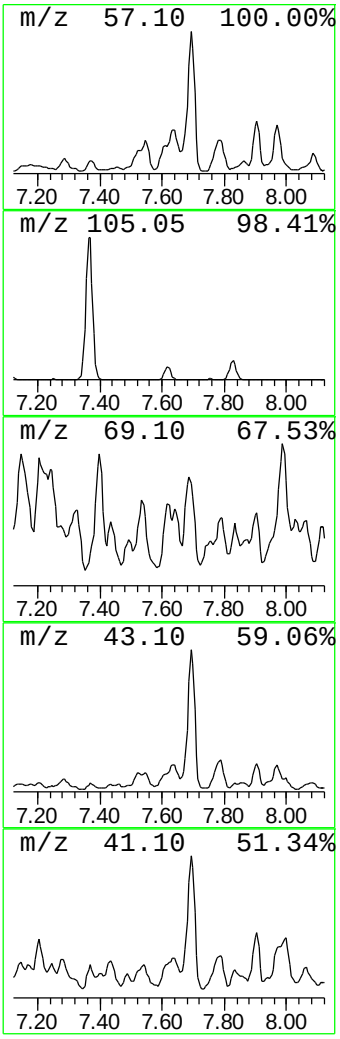
Peak Number 19 unknown-01 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	6.09 ng/ul	1231540	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,3-trimethyl-3-...	166	C12H22	074421-09-3	27
2	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	25
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	25
4	1,3-Cyclohexanediol, 2-methyl-2-...	217	C9H15NO5	114454-84-1	22
5	Cyclohexane, 1,2-diethyl-, cis-	140	C10H20	000824-43-1	18





Library Search Compound Report

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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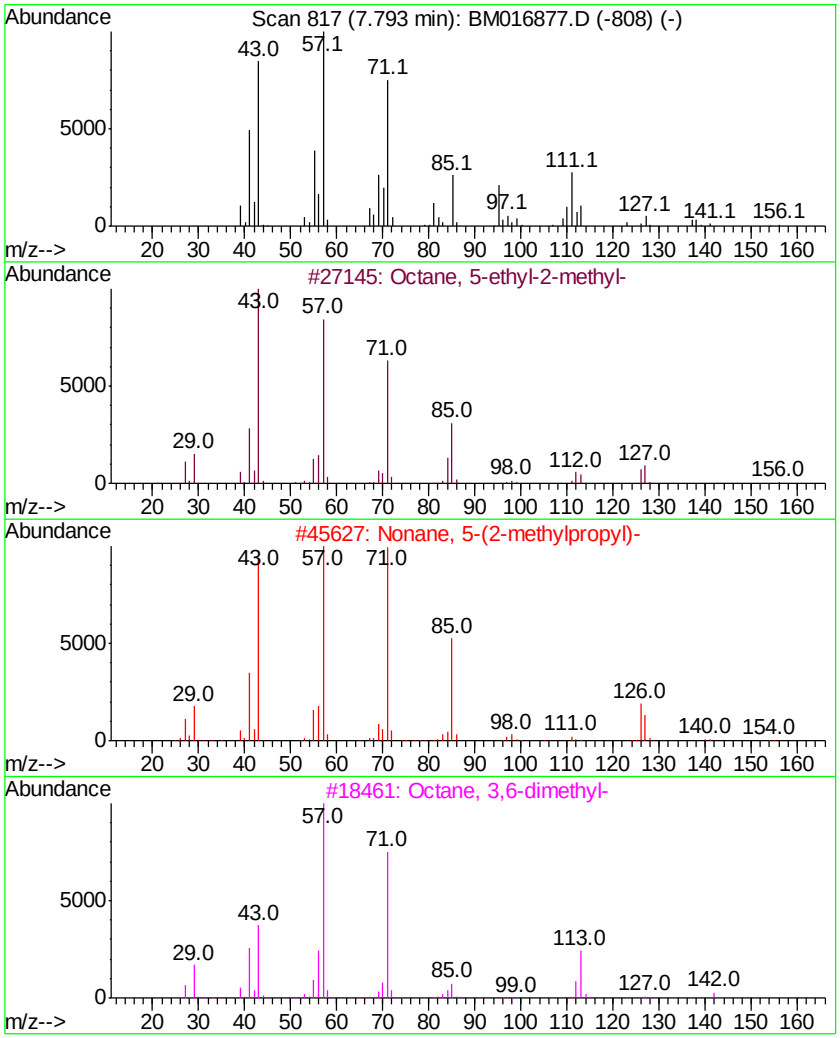
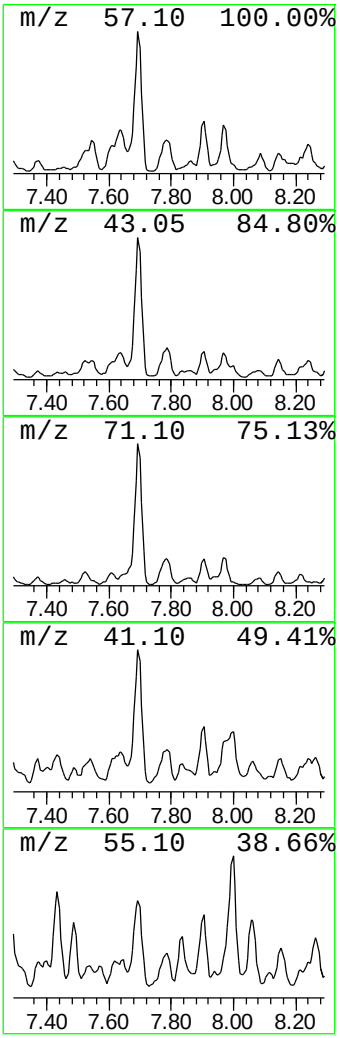
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	4.95 ng/ul	1000100	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	58
2	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	50
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	47
4	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	47
5	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	45





Library Search Compound Report

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Acq On : 24 Sep 2018 15:32
Operator : SJ/JU
Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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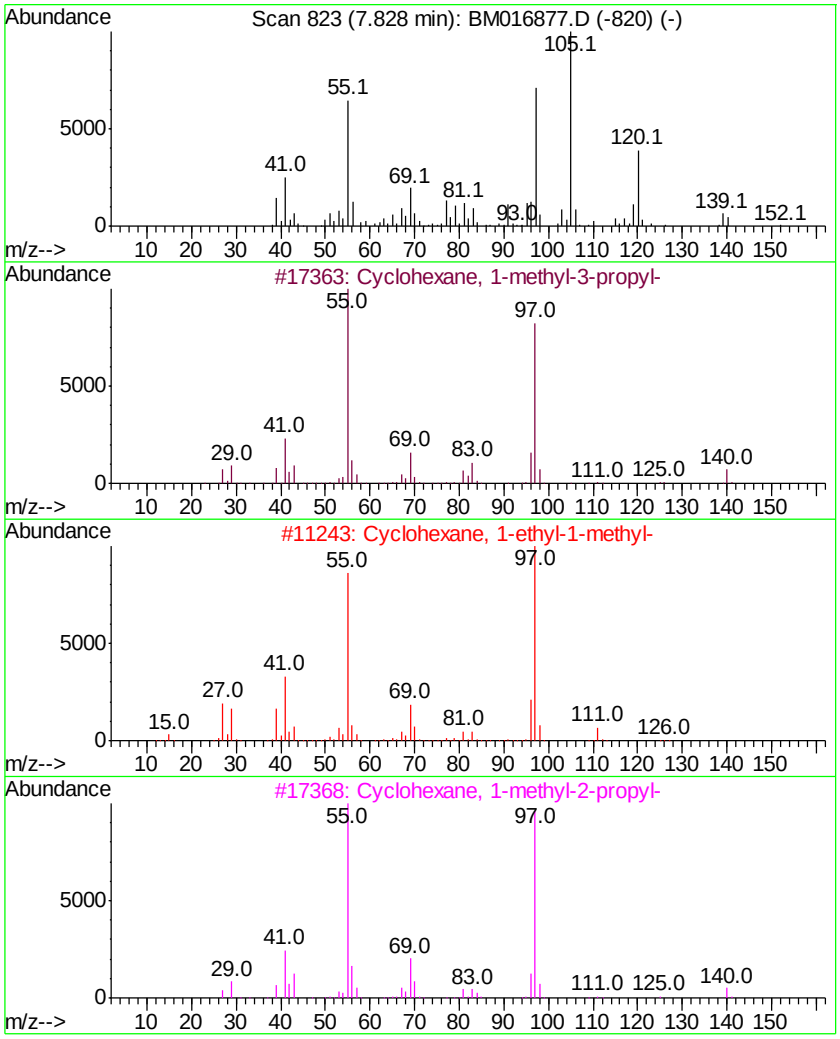
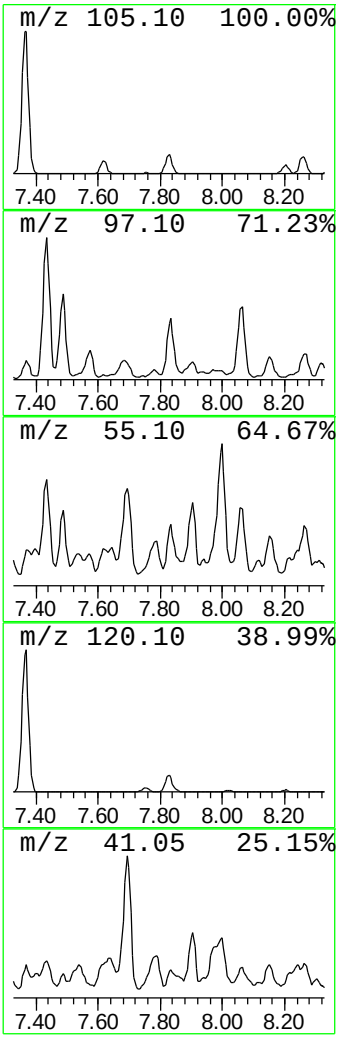
Peak Number 21 (DEL) Alkane: Cyclic7.83 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	3.85 ng/ul	777775	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	43
2	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	43
3	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	43
4	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	38
5	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	38





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Operator : SJ/JU
Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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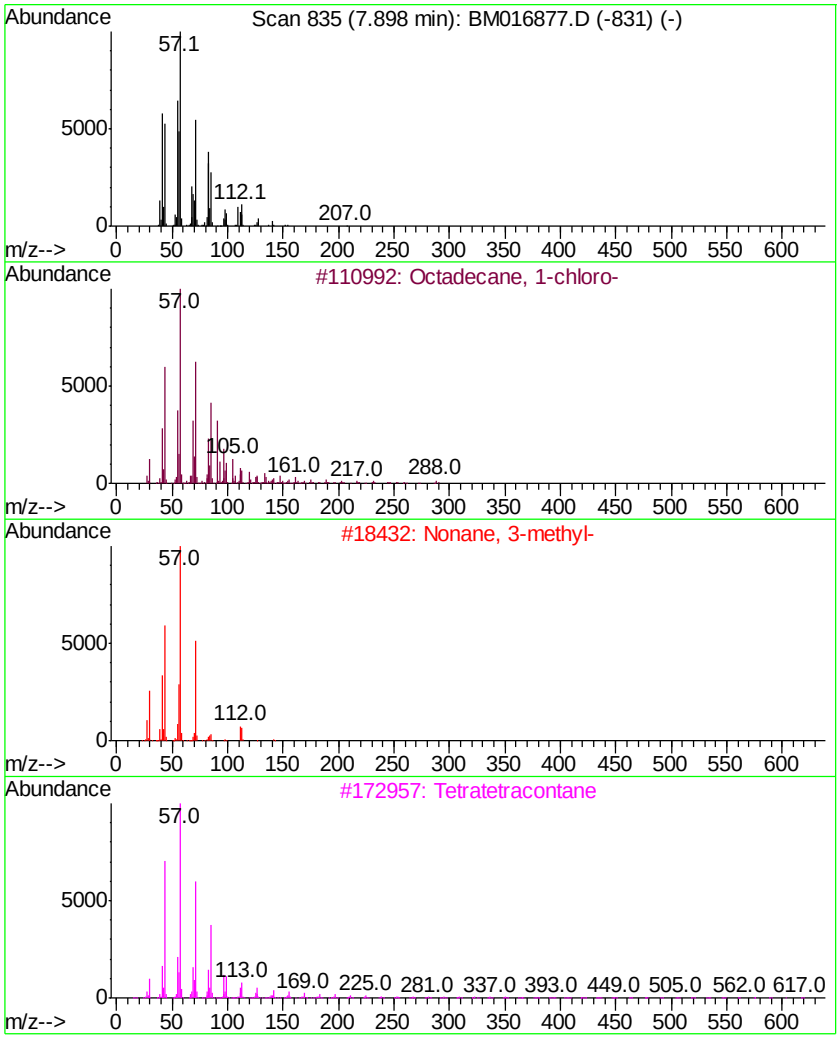
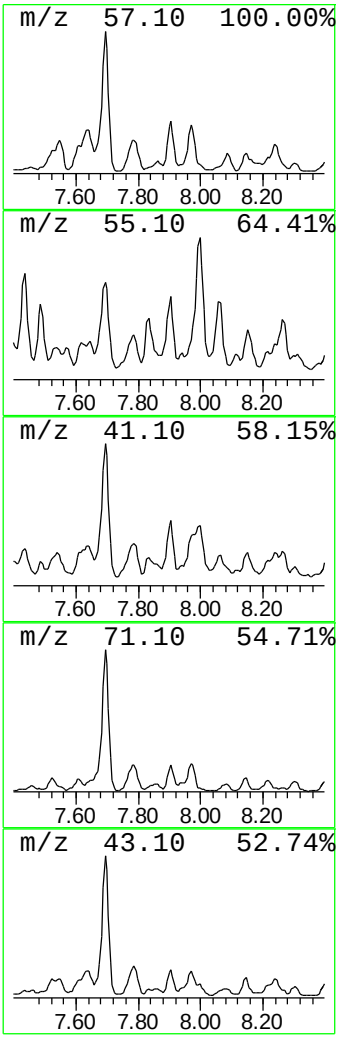
Peak Number 22 unknown-02 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	4.40 ng/ul	889013	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	35
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	35
3	Tetratetracontane	619	C44H90	007098-22-8	35
4	Nonadecane	268	C19H40	000629-92-5	30
5	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	27





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Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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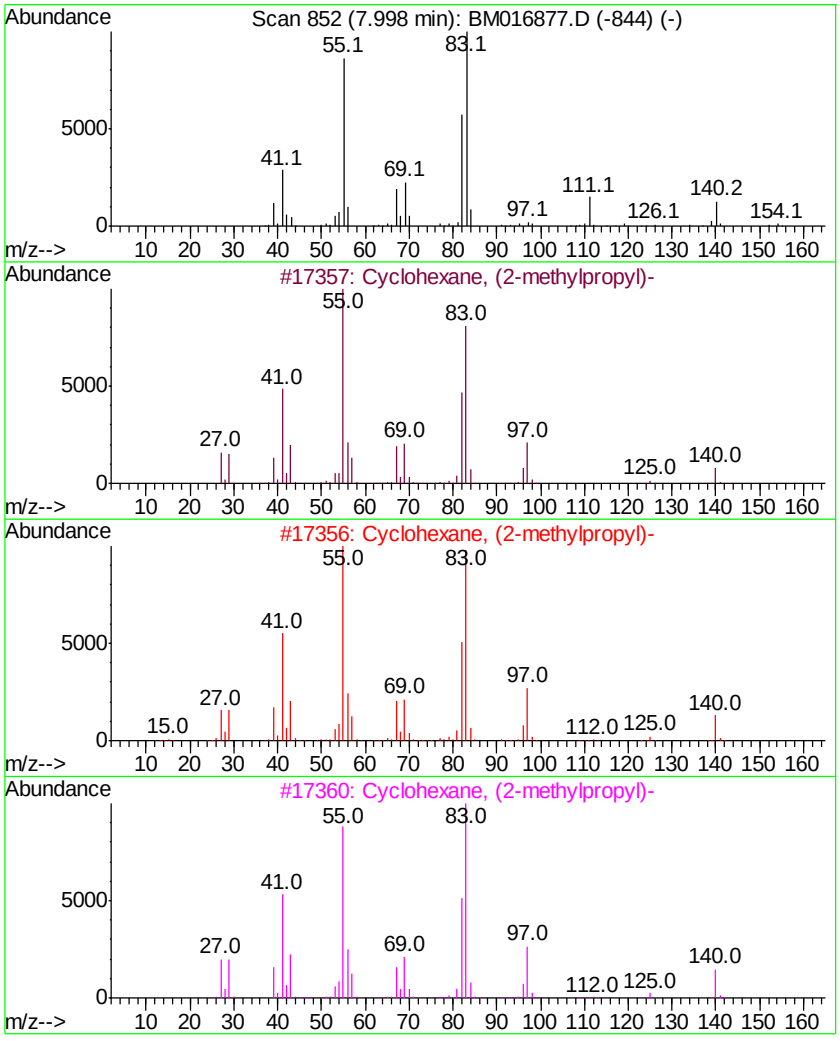
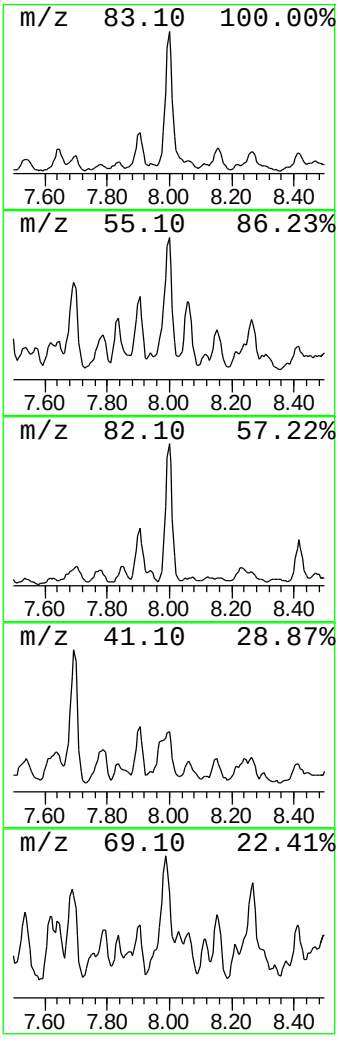
Peak Number 23 (DEL) Alkane: Cyclic8.00 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	7.93 ng/ul	1603410	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	72





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Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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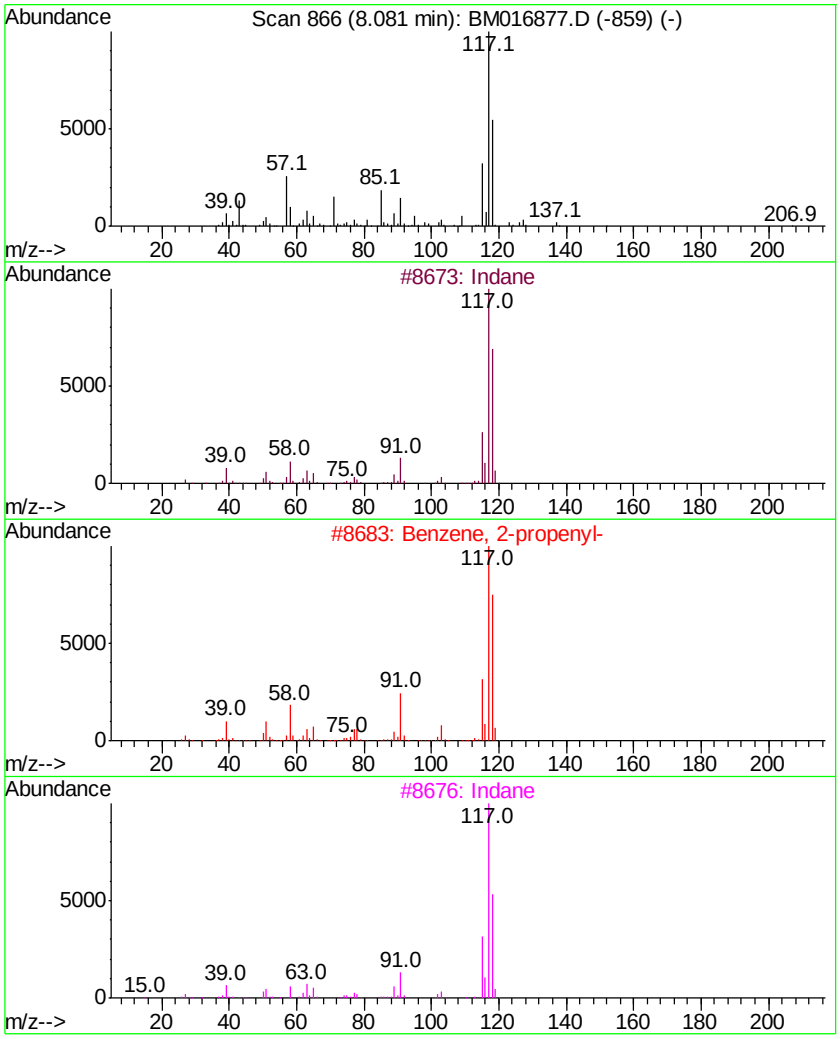
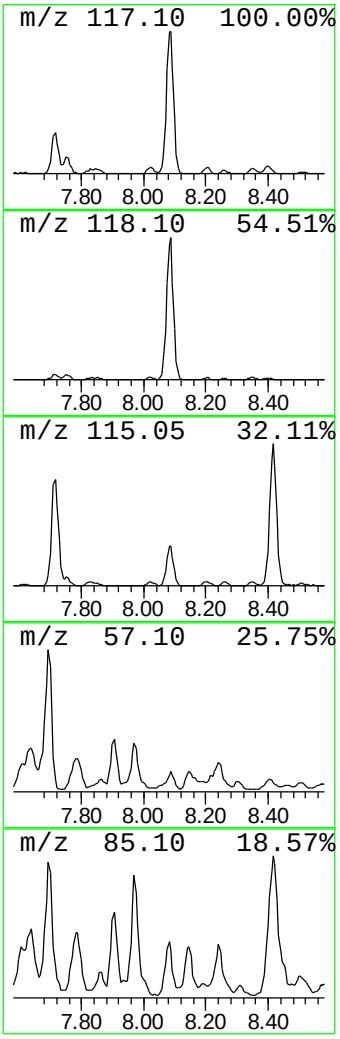
Peak Number 24 Indane Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	4.06 ng/ul	820741	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
3	Indane	118	C9H10	000496-11-7	70
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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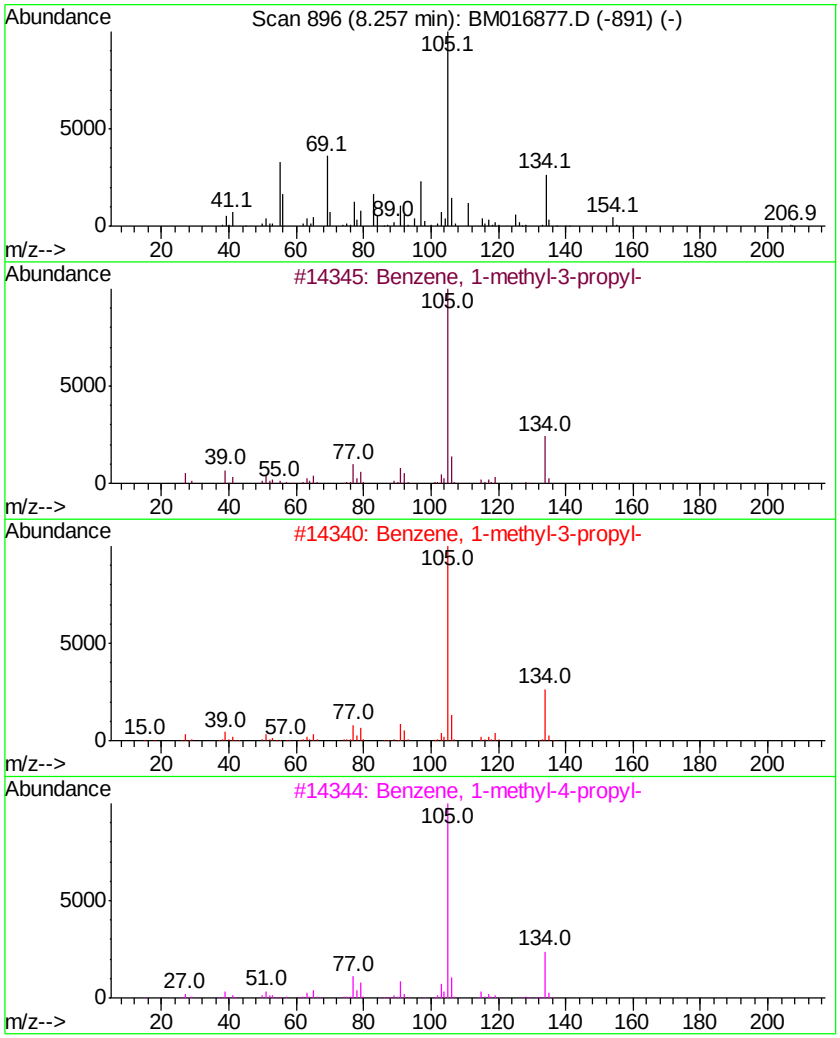
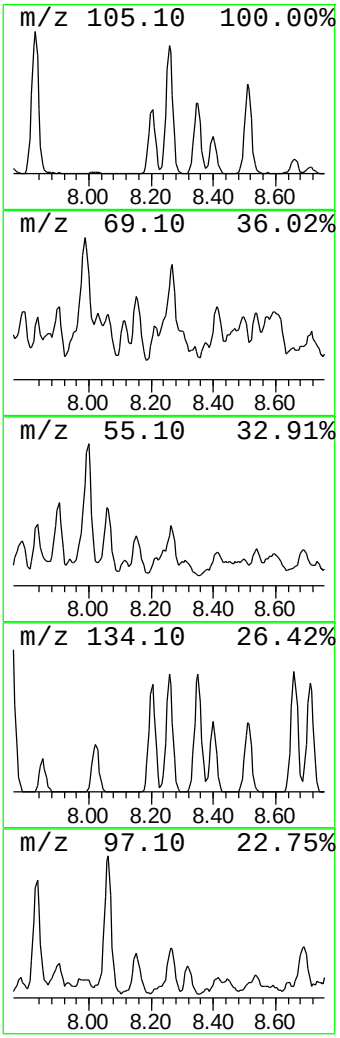
Peak Number 25 Benzene, 1-methyl-3-propyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	4.69 ng/ul	949075	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	51
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	38
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	38
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	38





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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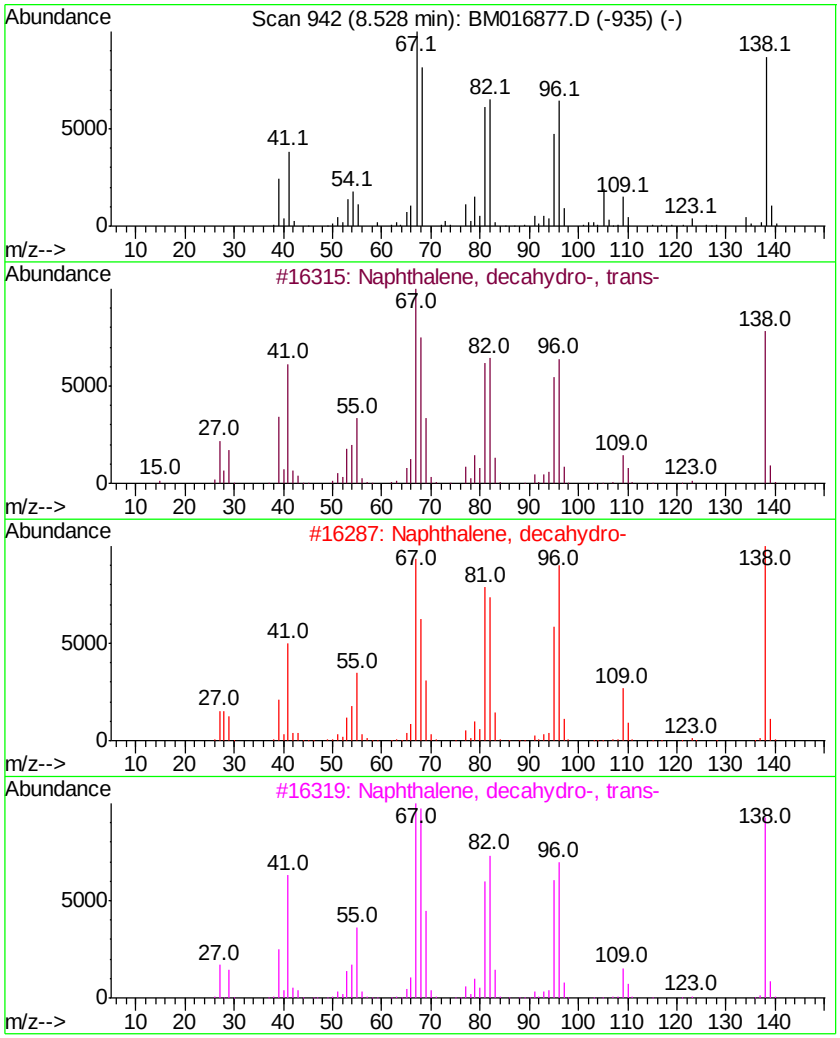
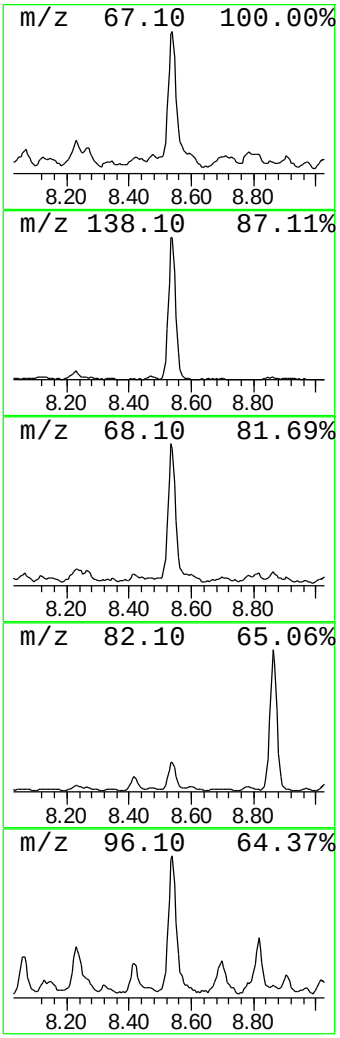
Peak Number 26 Naphthalene, decahydro-, tr... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	5.10 ng/ul	1031880	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	94
3	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
4	Naphthalene, decahydro-	138	C10H18	000091-17-8	91
5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	87





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

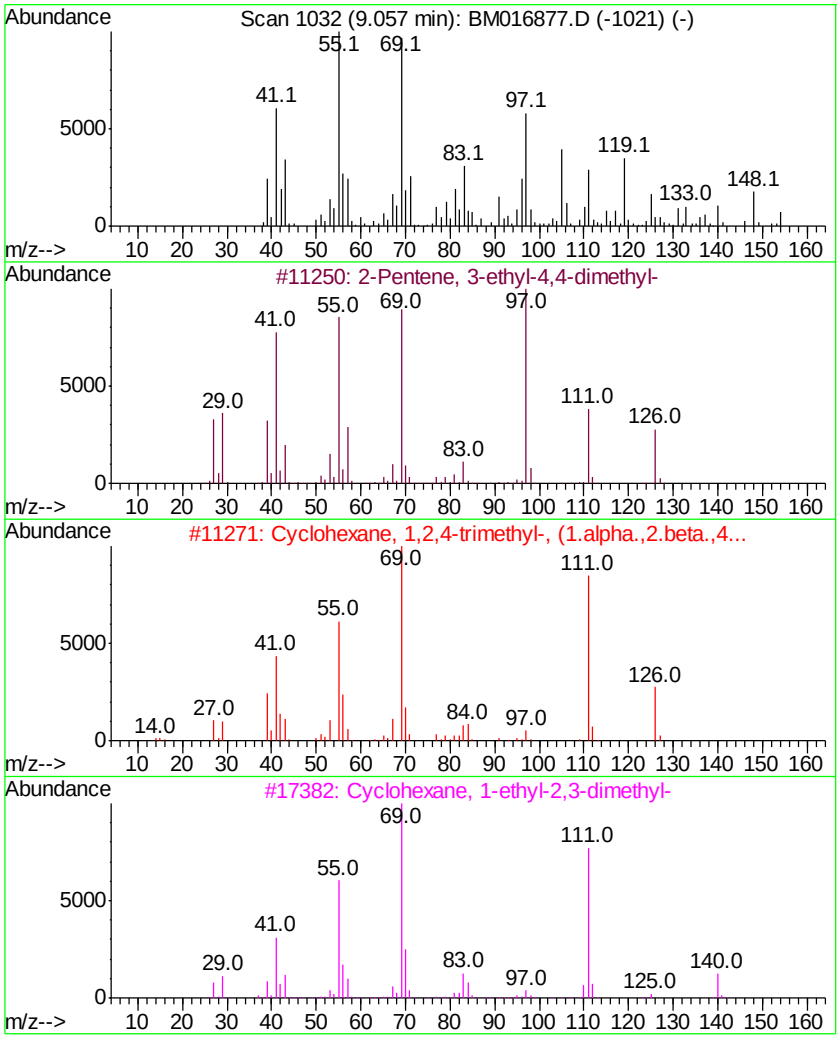
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

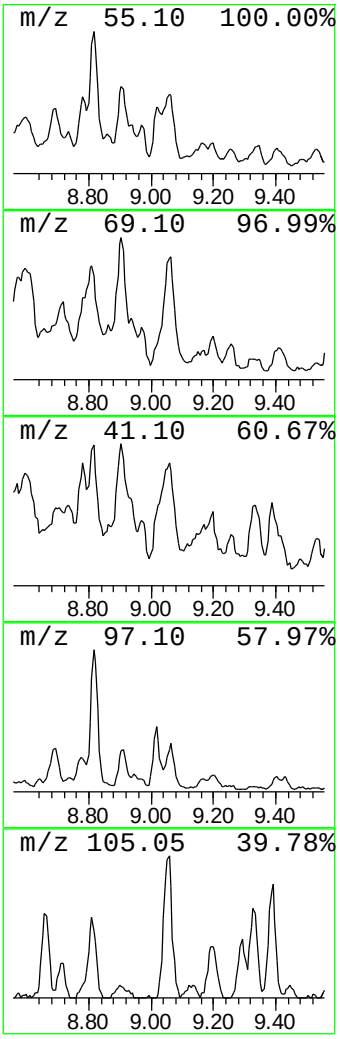
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Cyclic9.06 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	5.92 ng/ul	1197390	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	43
2	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	41
3	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	35
4	2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	35
5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	30





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Acq On : 24 Sep 2018 15:32
Operator : SJ/JU
Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

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Quant Title : SVOA CALIBRATION

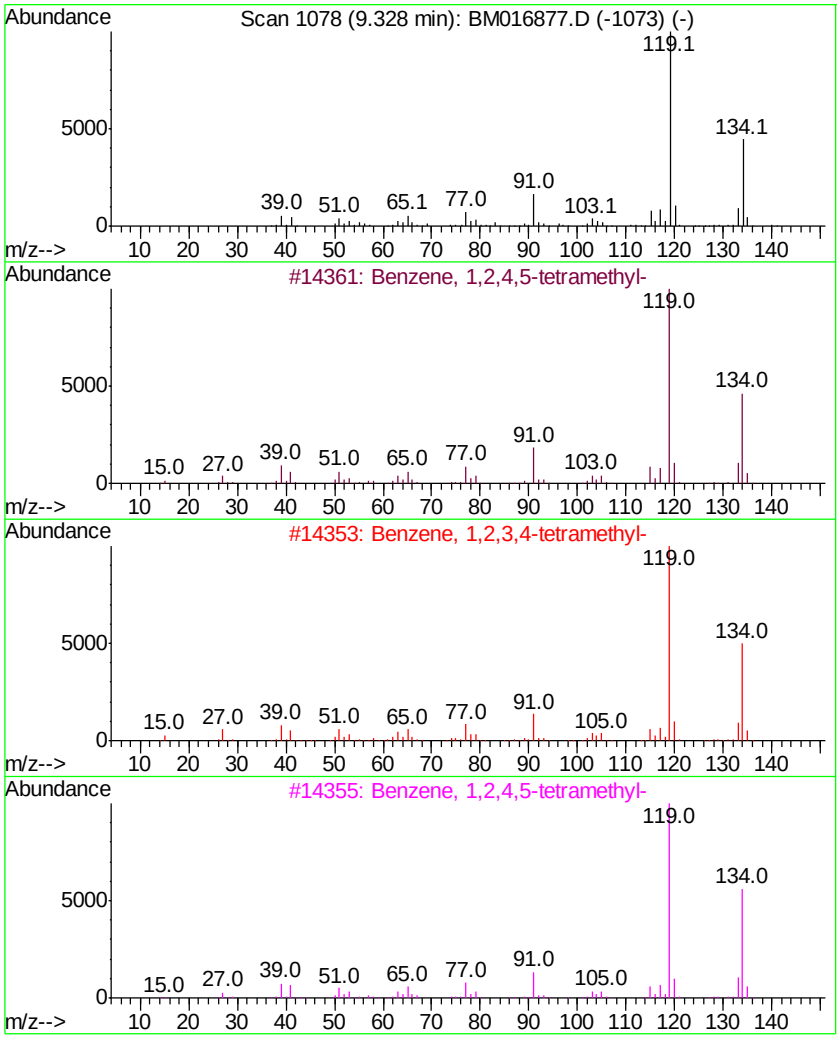
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

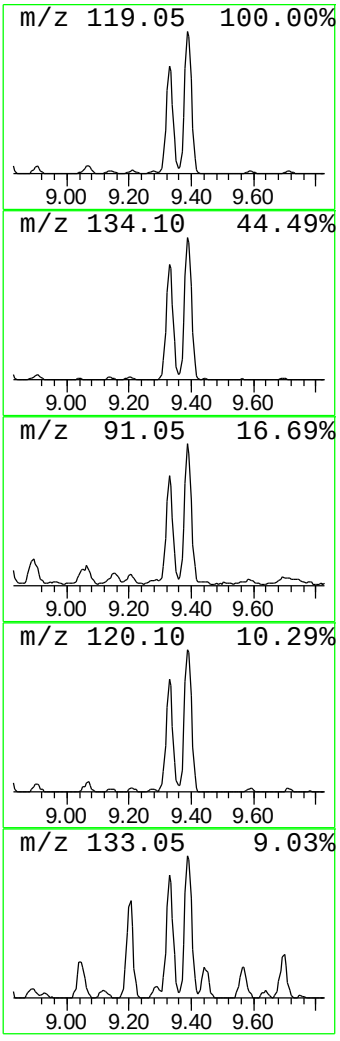
****

Peak Number 28 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	7.78 ng/ul	1121540	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95





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Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

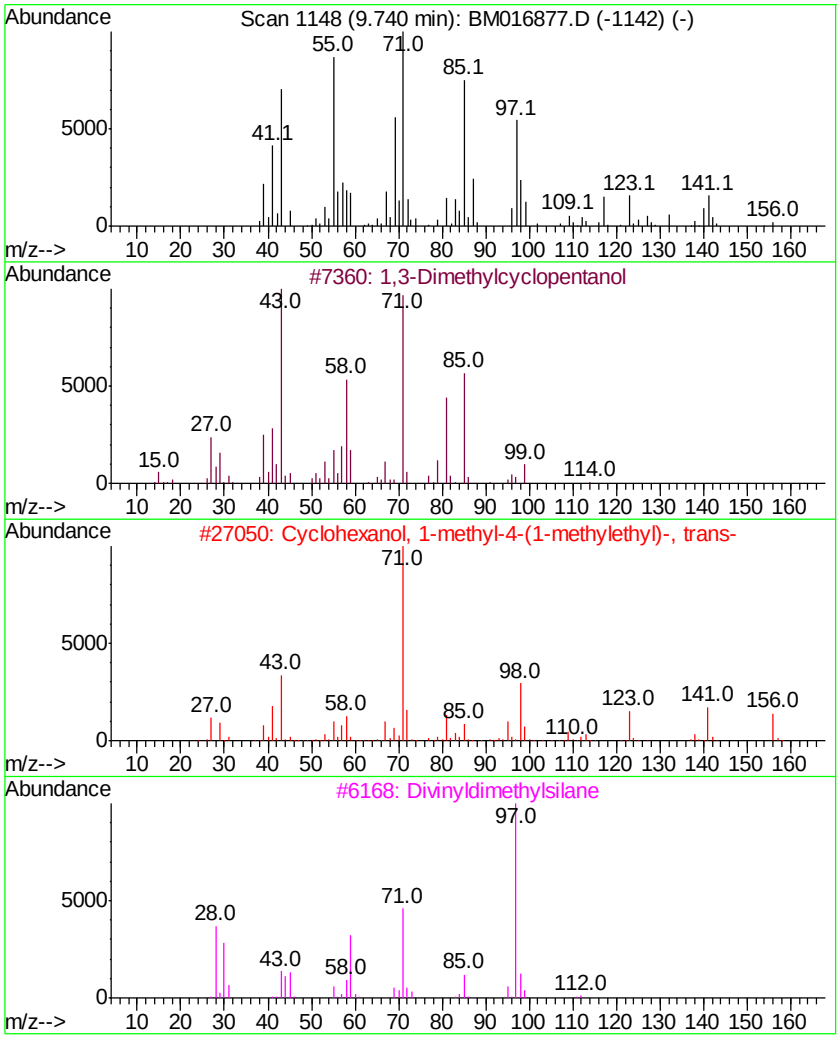
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

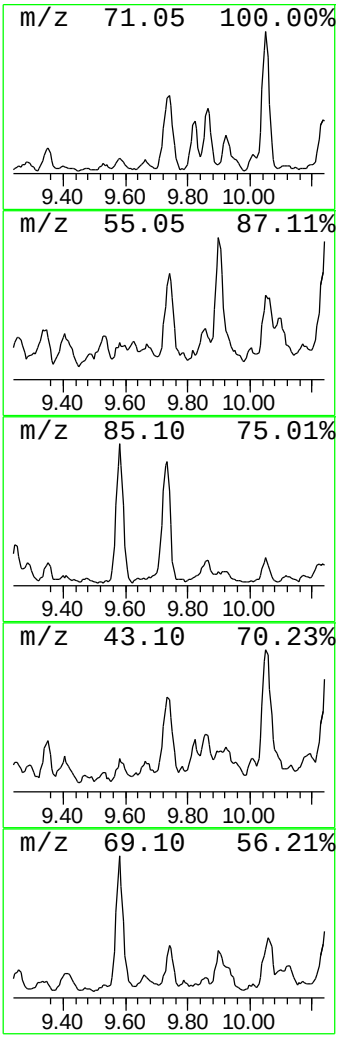
****

Peak Number 30 unknown-03 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	4.08 ng/ul	588887	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	43
2	Cyclohexanol, 1-methyl-4-(1-meth...	156	C10H20O	003901-93-7	35
3	Divinyldimethylsilane	112	C6H12Si	010519-87-6	30
4	Heptane, 4-ethyl-	128	C9H20	002216-32-2	27
5	2,4-Pentanedione, 3-(2-propenyl)-	140	C8H12O2	003508-78-9	22





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

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Quant Title : SVOA CALIBRATION

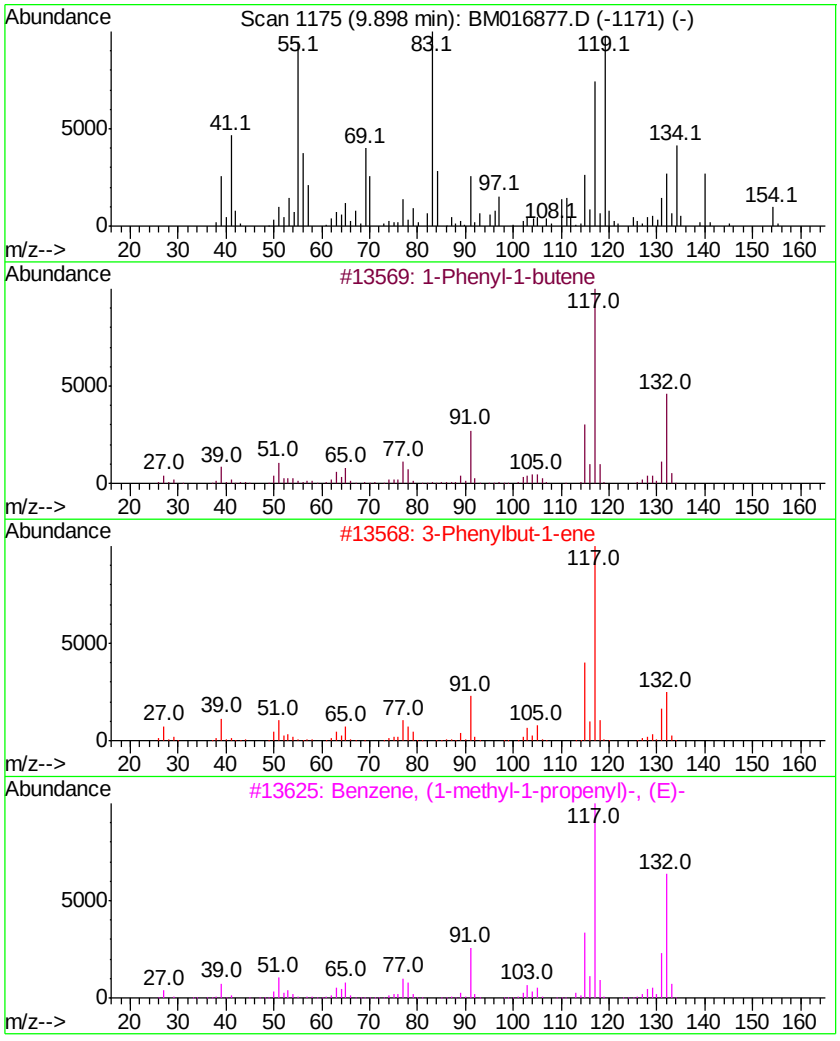
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

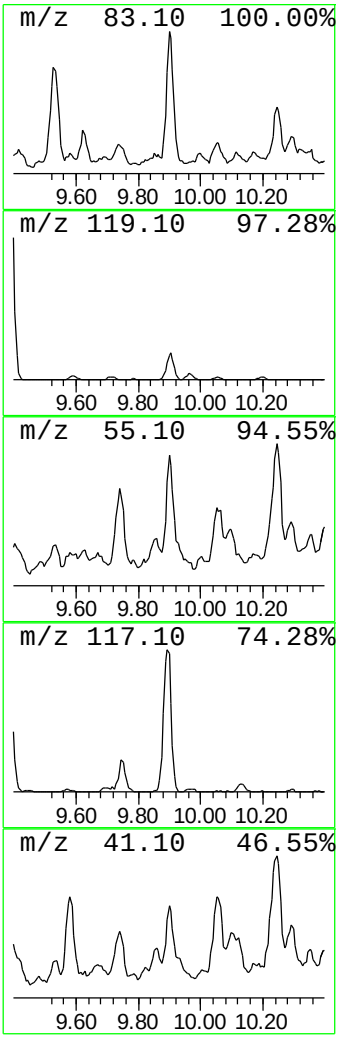
****

Peak Number 31 1-Phenyl-1-butene Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	5.29 ng/ul	762930	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	74
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	38
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	38
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	38
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	35





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Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

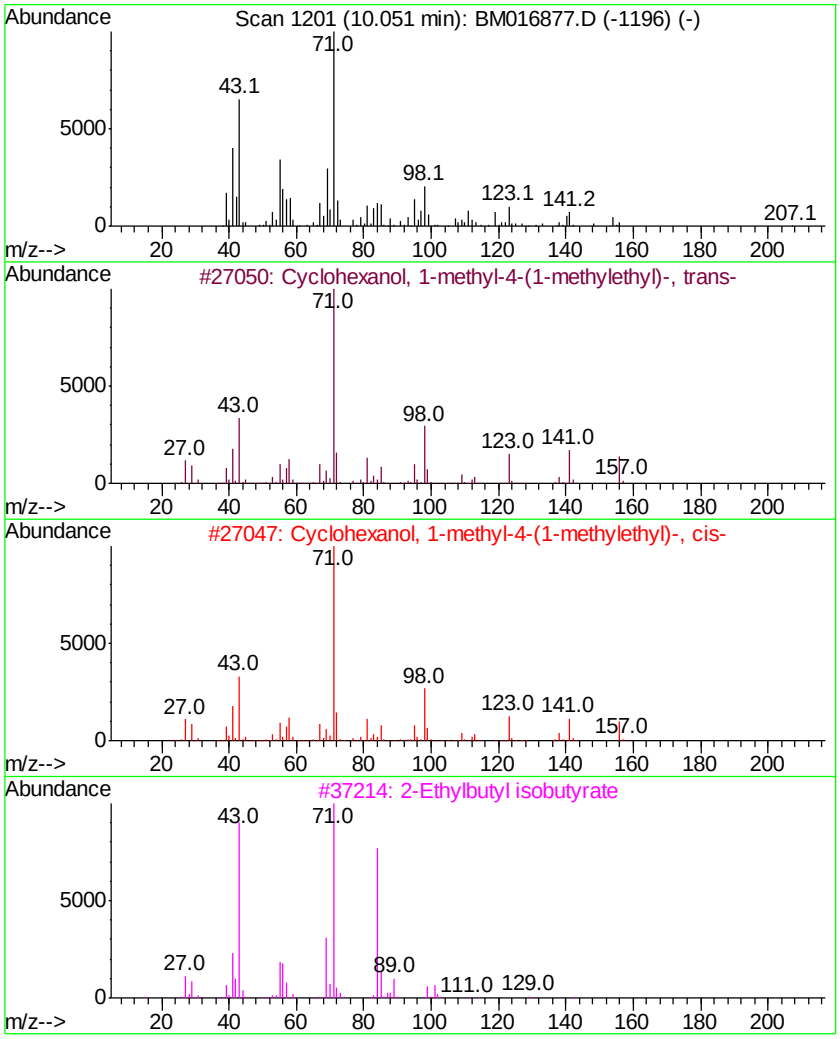
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

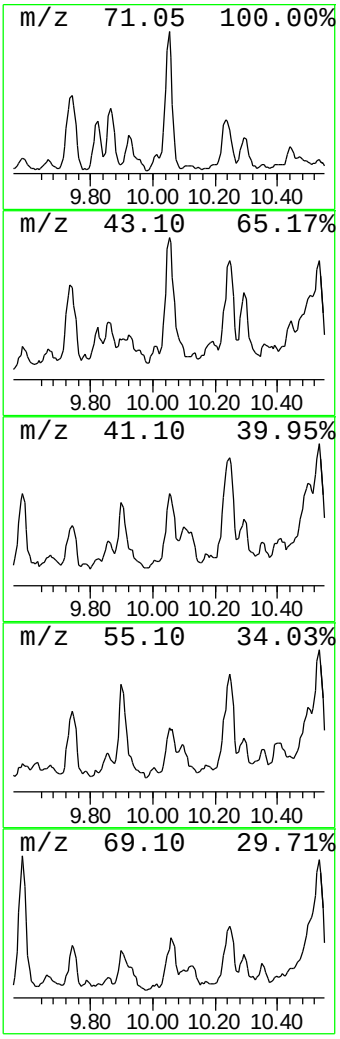
****

Peak Number 32 Cyclohexanol, 1-methyl-4-(1... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	4.72 ng/ul	680815	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 1-methyl-4-(1-meth...	156	C10H20O	003901-93-7	59
2	Cyclohexanol, 1-methyl-4-(1-meth...	156	C10H20O	003901-95-9	58
3	2-Ethylbutyl isobutyrate	172	C10H20O2	074398-54-2	50
4	Butyric acid, 3-tetradecyl ester	284	C18H36O2	1000280-57-1	47
5	2-Hexen-1-ol, 3-methyl-, (E)-	114	C7H14O	030801-96-8	47





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Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

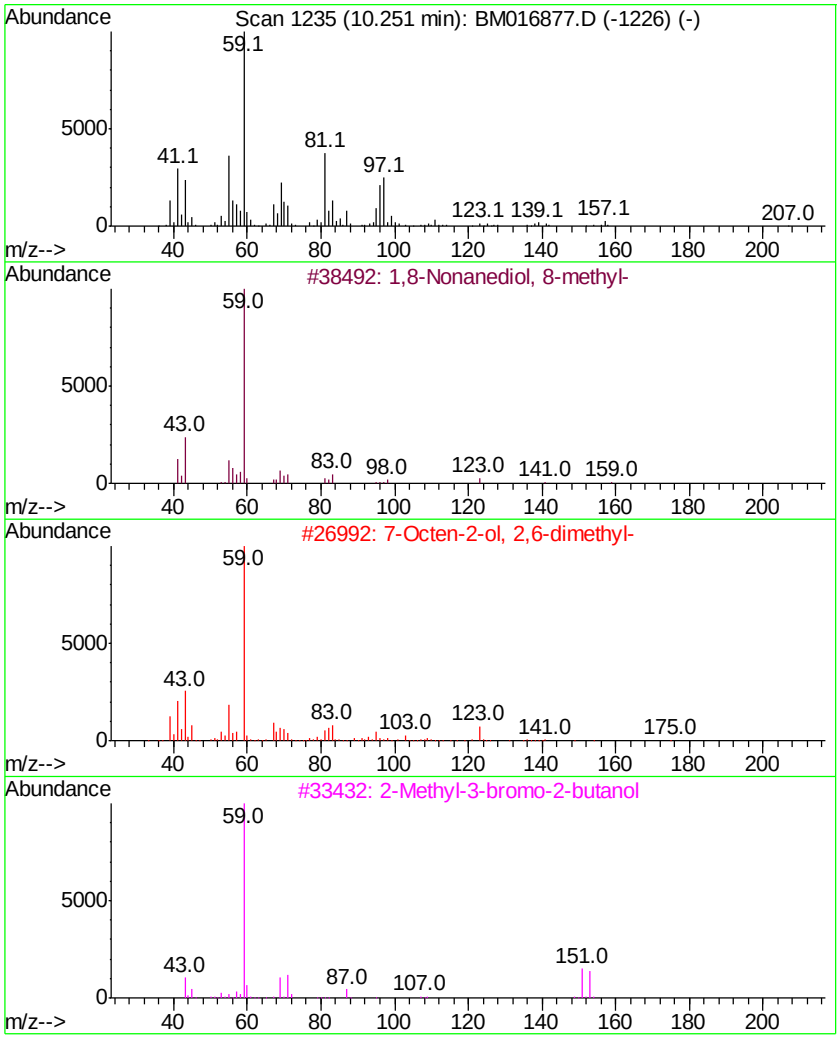
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

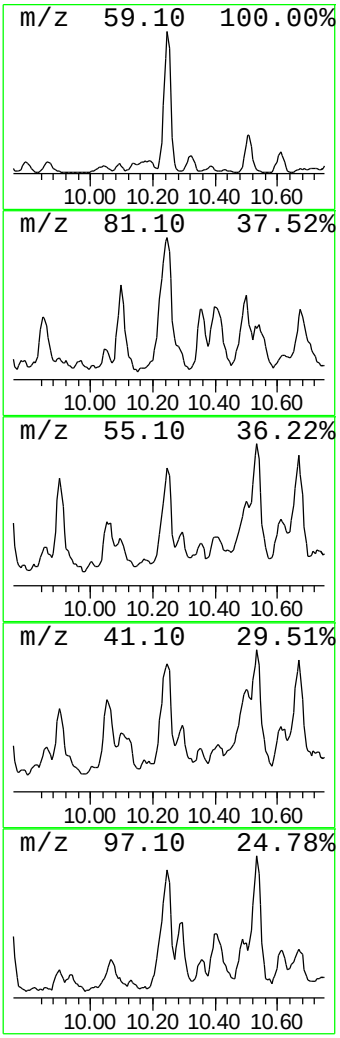
****

Peak Number 33 1,8-Nonanediol, 8-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	7.94 ng/ul	1145250	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	50
2	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	45
3	2-Methyl-3-bromo-2-butanol	166	C5H11BrO	002588-77-4	43
4	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	42
5	2-Hexanol, 2,3-dimethyl-	130	C8H18O	019550-03-9	40





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Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

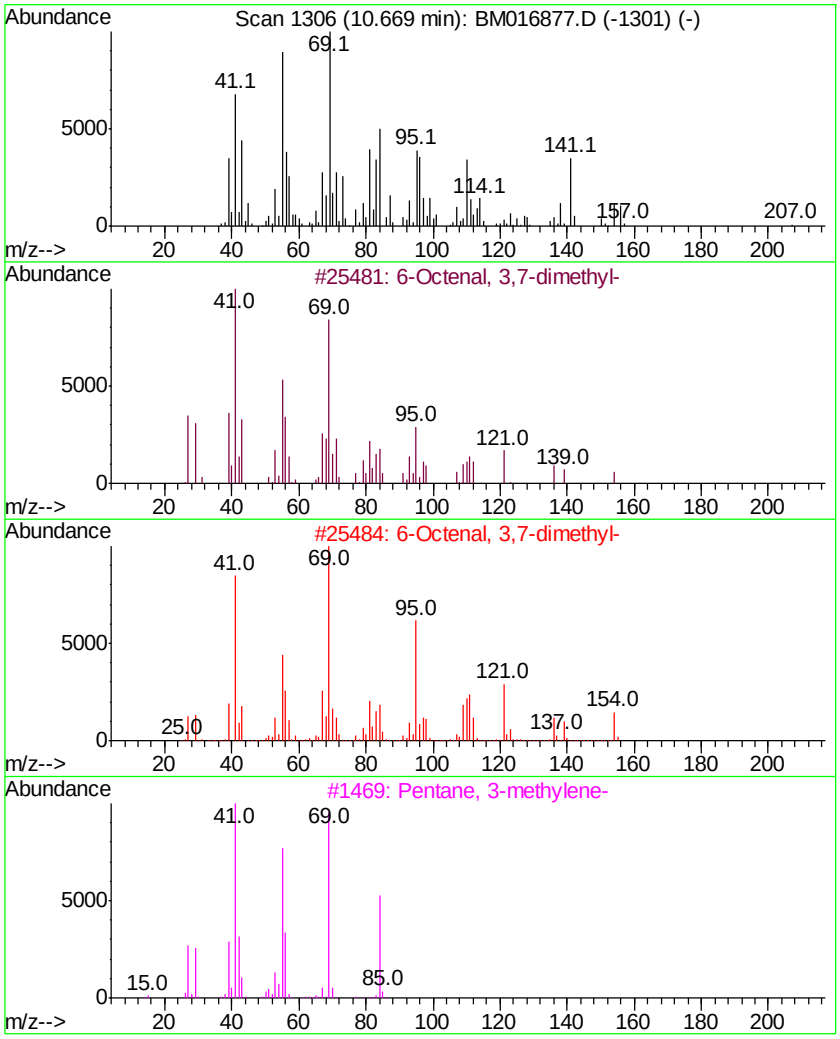
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

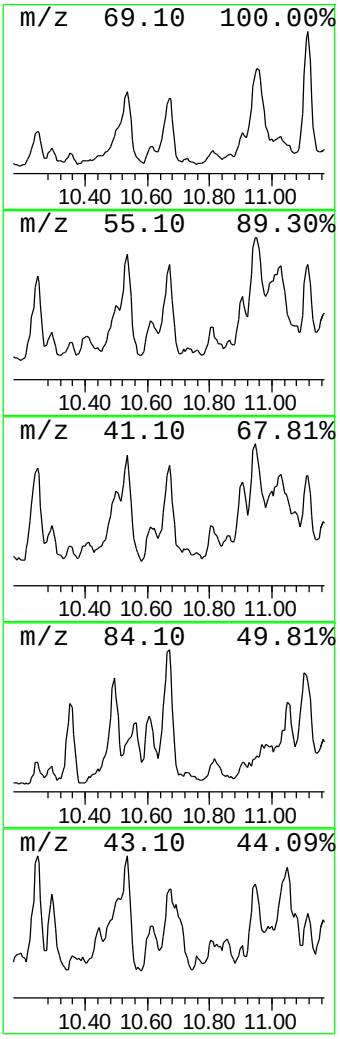
****

Peak Number 34 6-Octenal, 3,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	8.21 ng/ul	1184530	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octenal, 3,7-dimethyl-	154	C10H18O	000106-23-0	53
2	6-Octenal, 3,7-dimethyl-	154	C10H18O	000106-23-0	46
3	Pentane, 3-methylene-	84	C6H12	000760-21-4	38
4	Pentane, 3-methylene-	84	C6H12	000760-21-4	38
5	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	38





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Sample : J5014-04
Misc :
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Instrument : BNA_M
ClientSampleId : E8JB4

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Quant Title : SVOA CALIBRATION

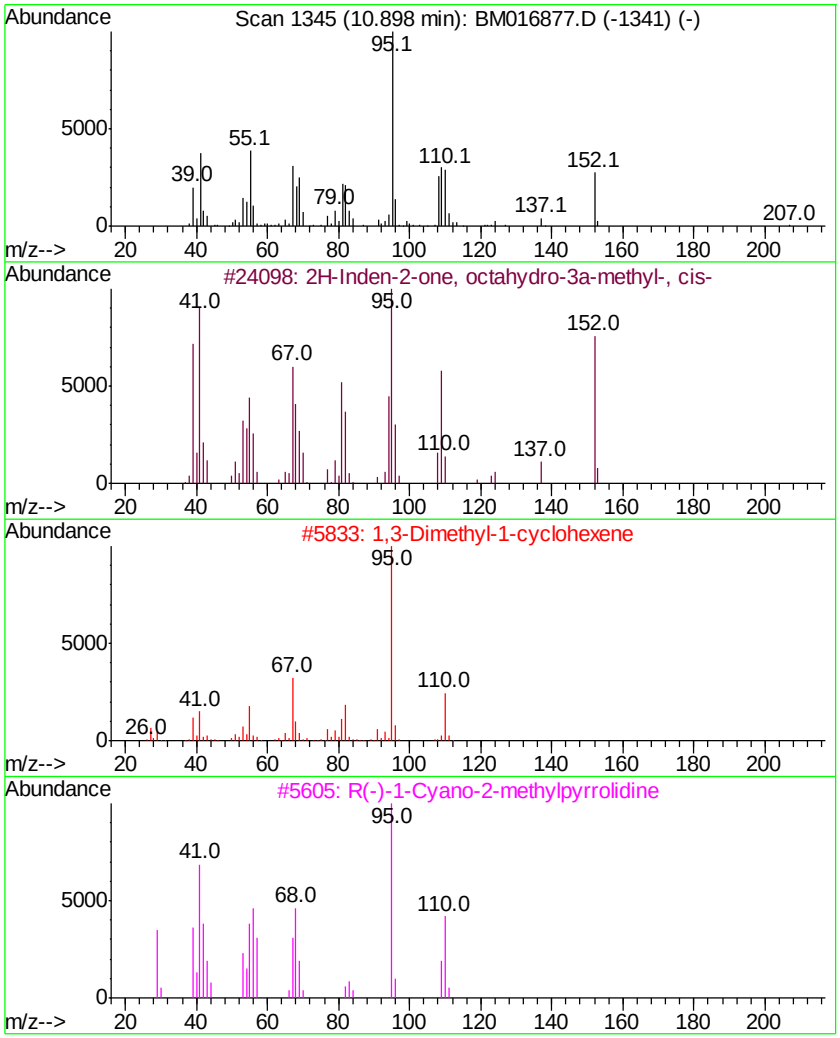
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

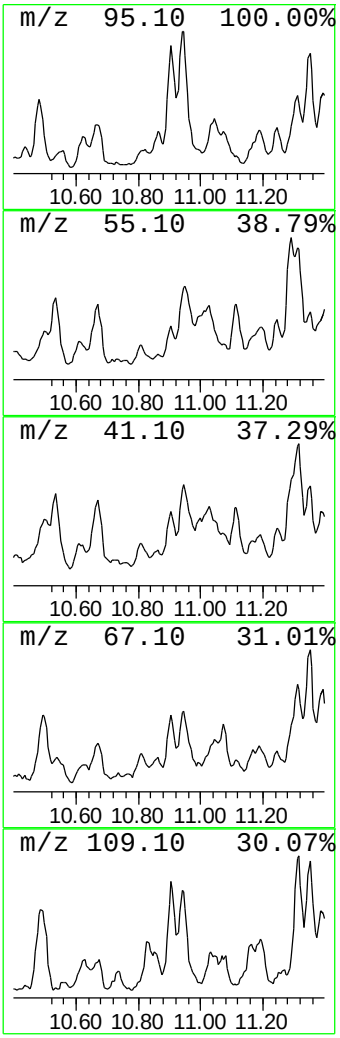
****

Peak Number 35 2H-Inden-2-one, octahydro-3... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	3.85 ng/ul	555823	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Inden-2-one, octahydro-3a-met...	152	C10H16O	013351-29-6	52
2	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	52
3	R(-)-1-Cyano-2-methylpyrrolidine	110	C6H10N2	1000145-01-8	46
4	2-Butanone, 4-(5-methyl-2-furanyl)-	152	C9H12O2	013679-56-6	43
5	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	43





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Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

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Quant Title : SVOA CALIBRATION

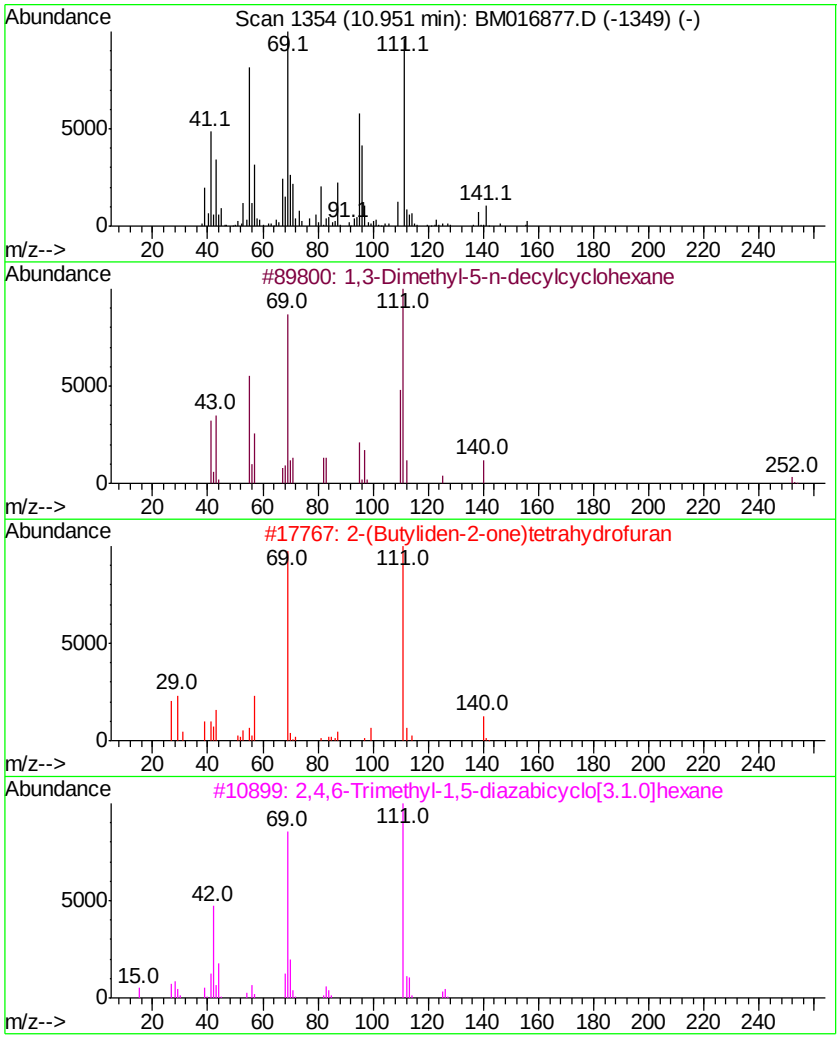
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

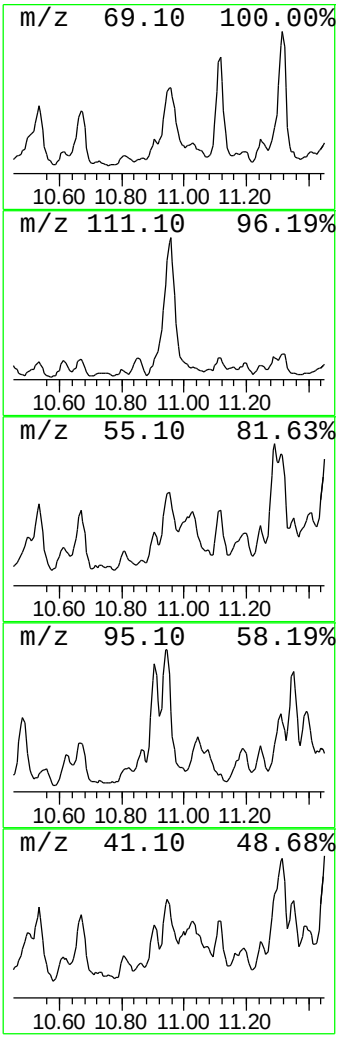
****

Peak Number 36 (DEL) Alkane: Cyclic10.95 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	5.41 ng/ul	780073	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-5-n-decylcyclohexane	252	C18H36	086710-36-3	43
2	2-(Butyliden-2-one)tetrahydrofuran	140	C8H12O2	343270-50-8	38
3	2,4,6-Trimethyl-1,5-diazabicyclo...	126	C7H14N2	1000283-21-2	38
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	38
5	Methoxyacetic acid, 2-ethylcyclo...	200	C11H20O3	1000282-69-7	38





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Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

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Quant Title : SVOA CALIBRATION

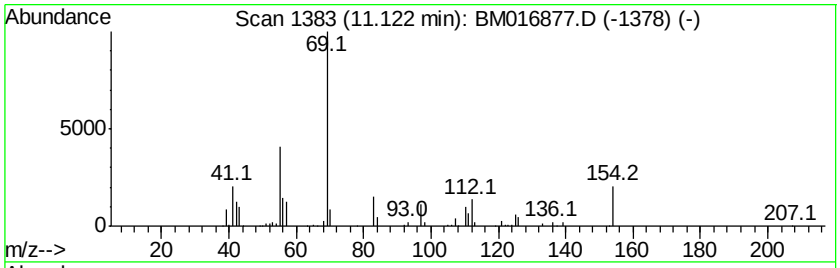
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

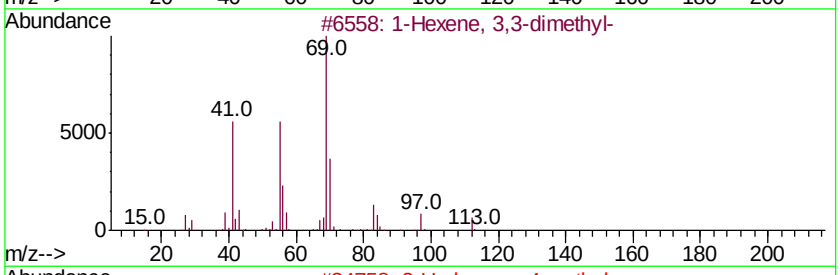
****

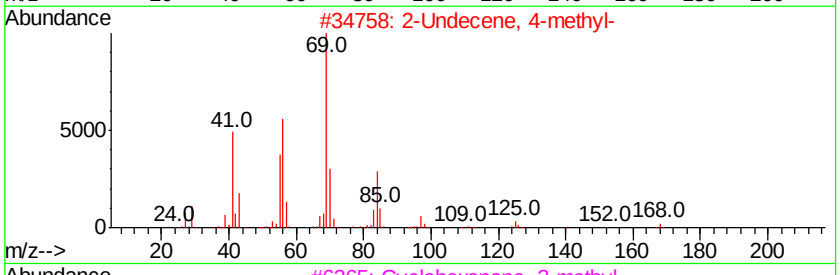
Peak Number 37 (DEL) Alkane: Cyclic11.12 Concentration Rank 59

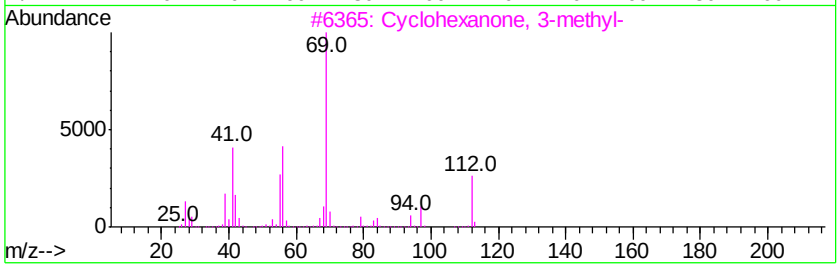
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	3.35 ng/ul	483885	Naphthalene-d8	10.49

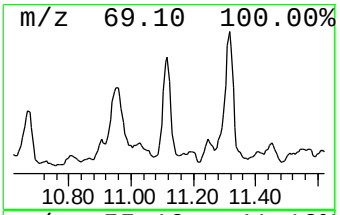
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	64
2	2-Undecene, 4-methyl-	168	C12H24	091695-32-8	53
3	Cyclohexanone, 3-methyl-	112	C7H12O	000591-24-2	50
4	4-Methyl-2-heptene	112	C8H16	003404-56-6	50
5	2-Heptene, 4-methyl-, (E)-	112	C8H16	066225-17-0	50

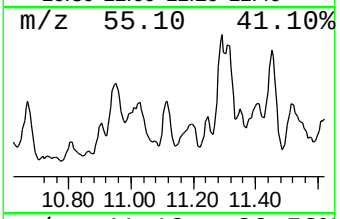


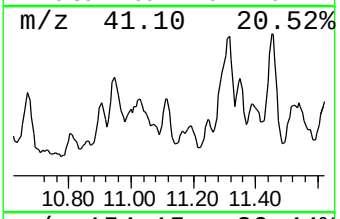


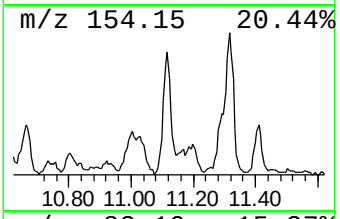


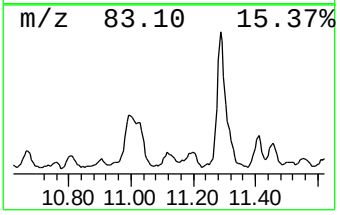












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Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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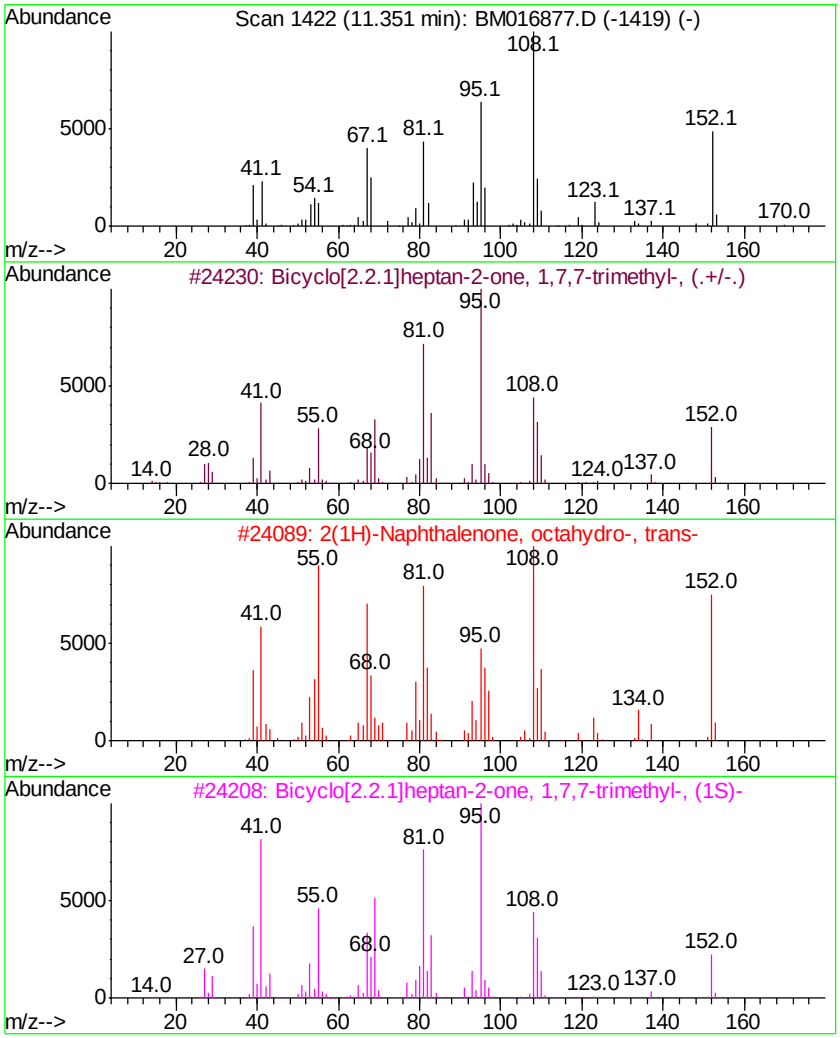
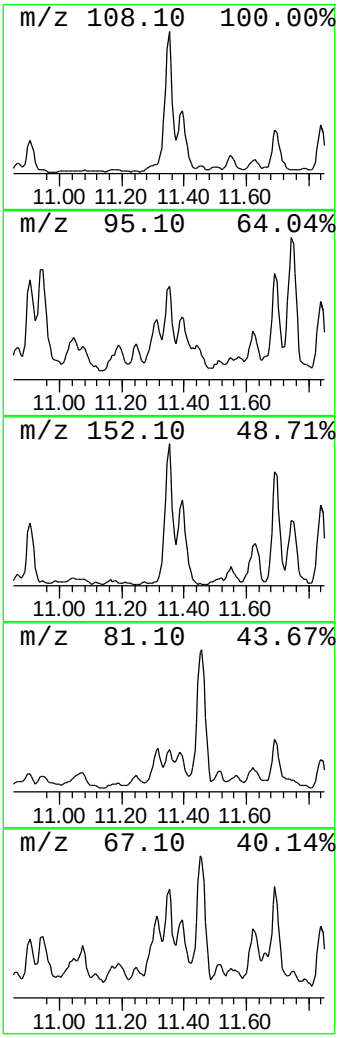
Peak Number 39 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	6.87 ng/ul	990919	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	021368-68-3	53
2	2(1H)-Naphthalenone, octahydro-,...	152	C10H16O	016021-08-2	52
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	47
4	Ethanol, 2-(3-methylphenoxy)-	152	C9H12O2	013605-19-1	35
5	Ethanol, 2-(3-methylphenoxy)-	152	C9H12O2	013605-19-1	35





Library Search Compound Report

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Acq On : 24 Sep 2018 15:32
Operator : SJ/JU
Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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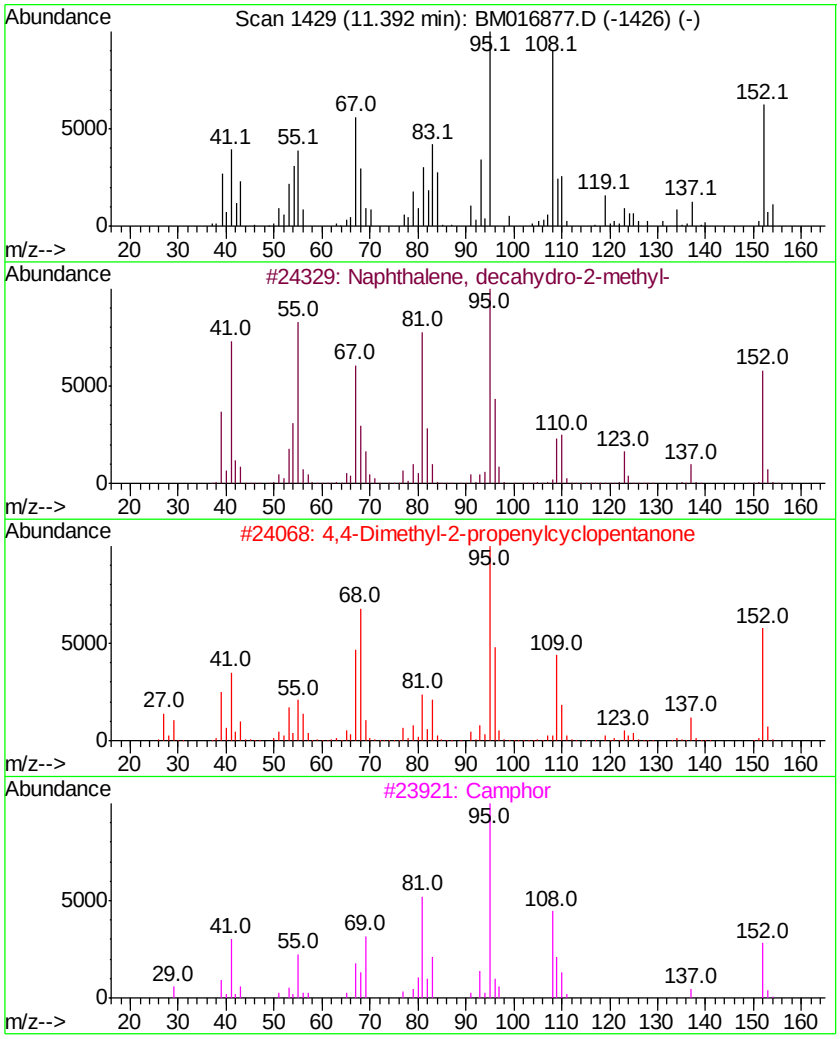
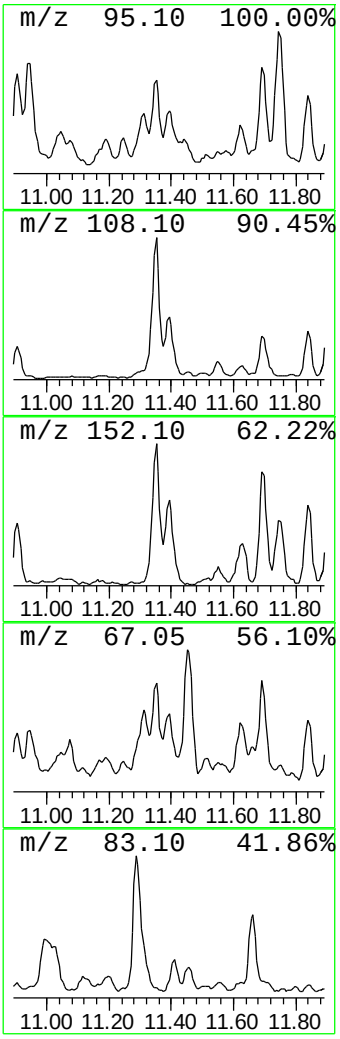
Peak Number 40 Naphthalene, decahydro-2-me... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	6.51 ng/ul	939066	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	70
2	4,4-Dimethyl-2-propenylcyclopent...	152	C10H16O	068261-88-1	43
3	Camphor	152	C10H16O	000076-22-2	43
4	2-Oxatricyclo[3.3.1.1(3,7)]decan...	152	C10H16O	006508-22-1	41
5	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	30





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Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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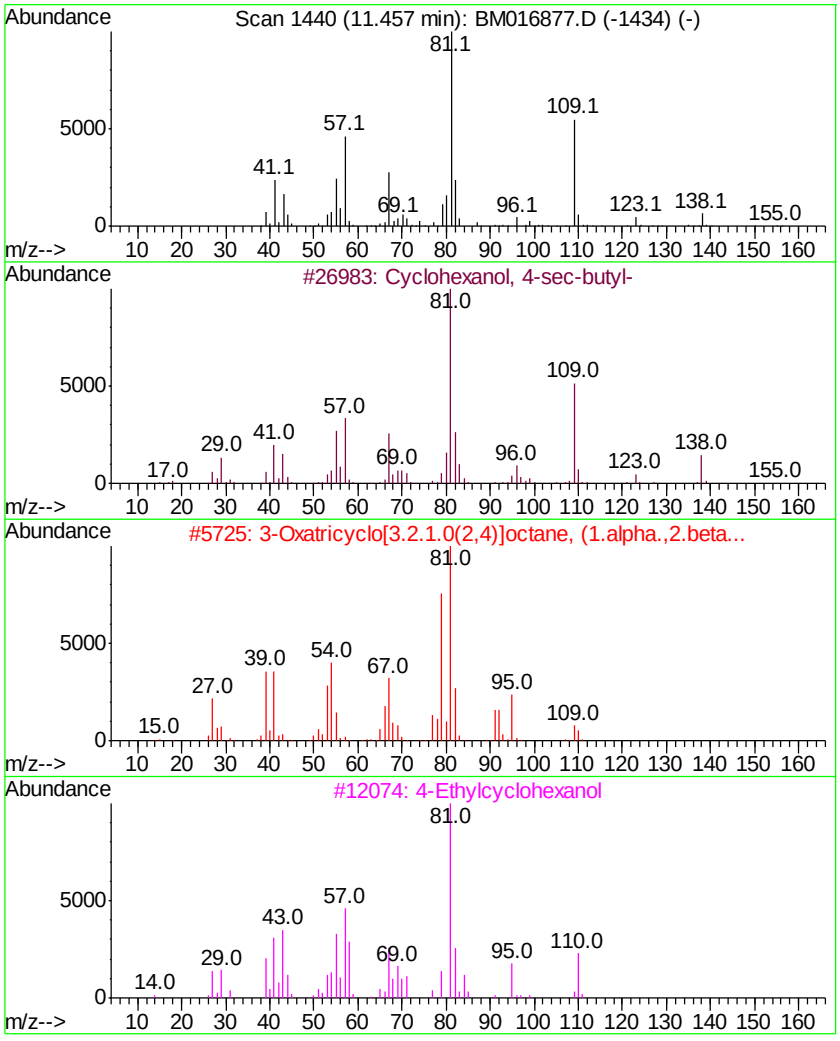
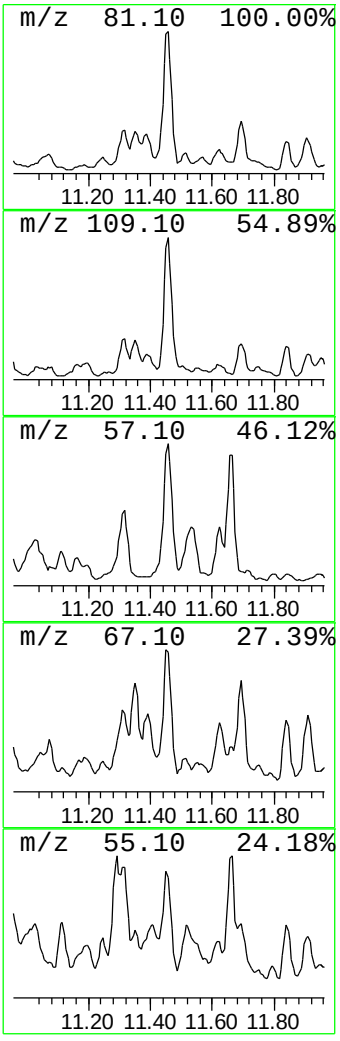
Peak Number 41 unknown-04 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	13.65 ng/ul	1968510	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 4-sec-butyl-	156	C10H20O	006292-20-2	45
2	3-Oxatricyclo[3.2.1.0(2,4)]octan...	110	C7H10O	003146-39-2	42
3	4-Ethylcyclohexanol	128	C8H16O	004534-74-1	28
4	3-Heptyne, 5-ethyl-5-methyl-	138	C10H18	061228-10-2	27
5	9-Oxabicyclo[6.1.0]non-6-en-2-one	138	C8H10O2	1000211-01-6	23





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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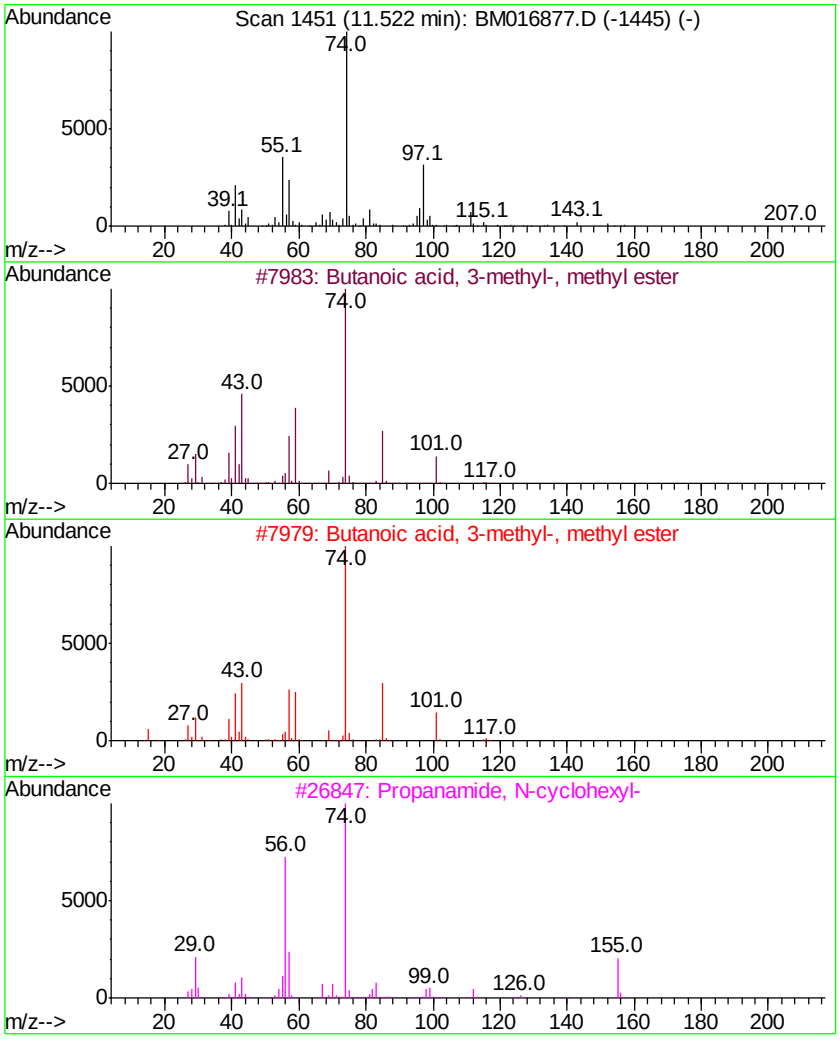
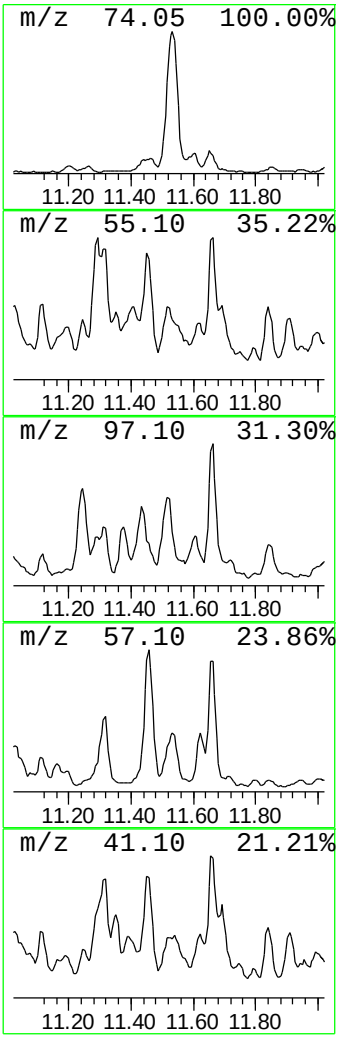
Peak Number 42 unknown-05 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	8.06 ng/ul	1162630	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-, methyl...	116	C6H12O2	000556-24-1	47
2	Butanoic acid, 3-methyl-, methyl...	116	C6H12O2	000556-24-1	38
3	Propanamide, N-cyclohexyl-	155	C9H17NO	001126-56-3	33
4	Urea, methyl-	74	C2H6N2O	000598-50-5	25
5	Bis(N-methoxy-N-methylamino)methane	134	C5H14N2O2	006919-46-6	9





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Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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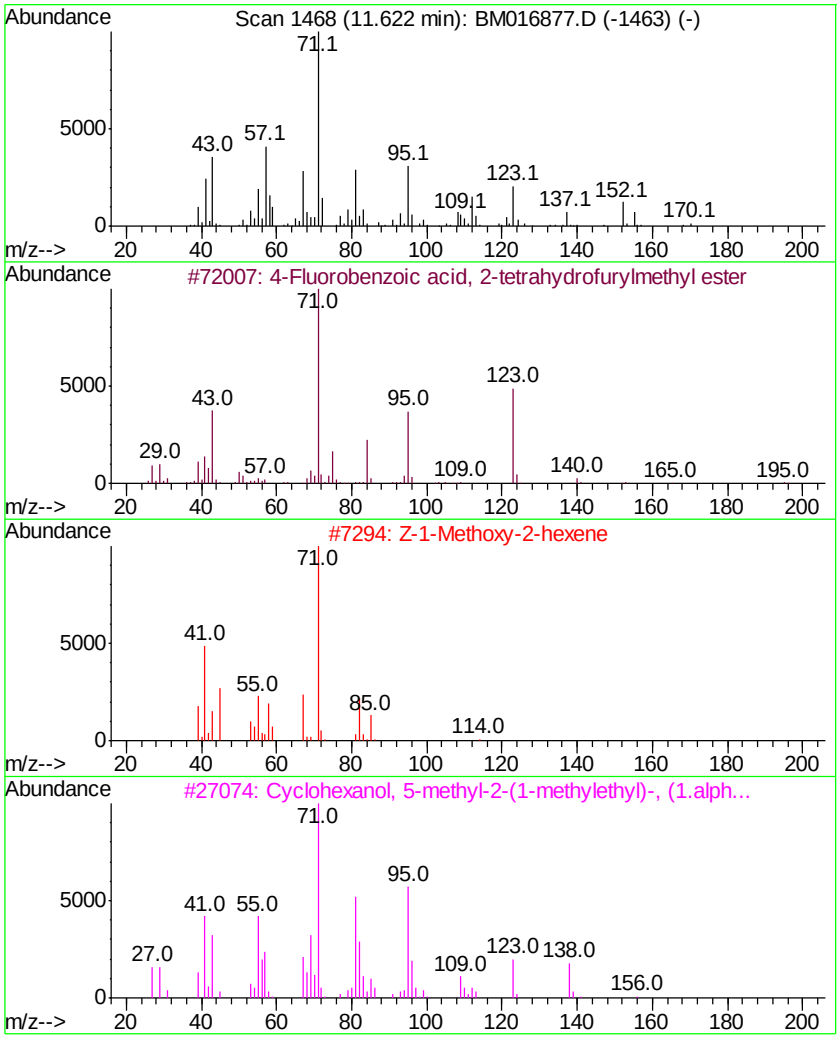
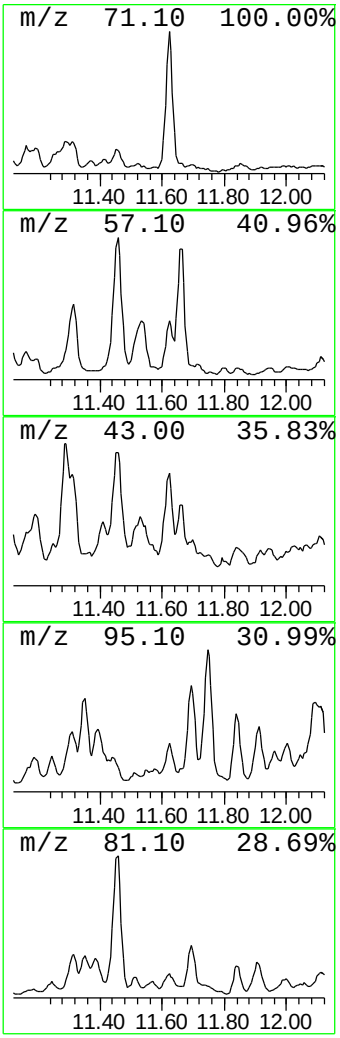
Peak Number 43 4-Fluorobenzoic acid, 2-tet... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	6.15 ng/ul	887149	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Fluorobenzoic acid, 2-tetrahyd...	224	C12H13FO3	1000279-07-0	50
2	Z-1-Methoxy-2-hexene	114	C7H14O	1000279-60-9	49
3	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000491-02-1	38
4	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	023283-97-8	36
5	3-Methoxyhex-1-ene	114	C7H14O	108811-41-2	35





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Operator : SJ/JU
Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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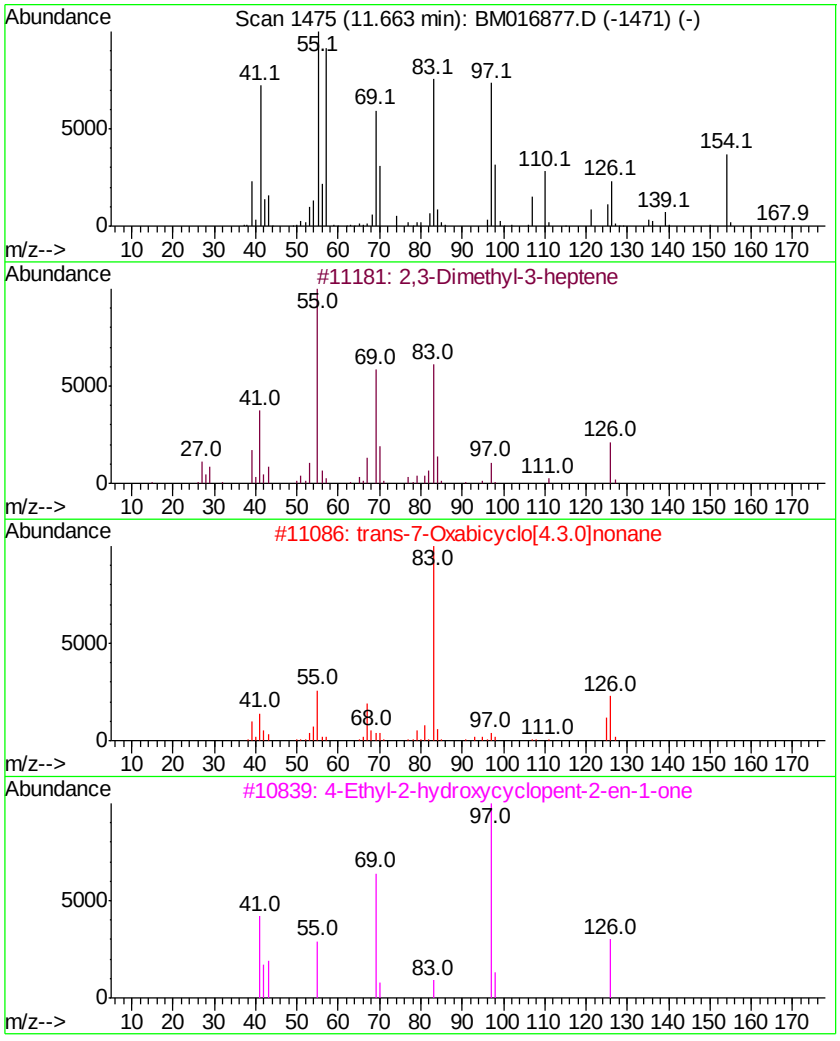
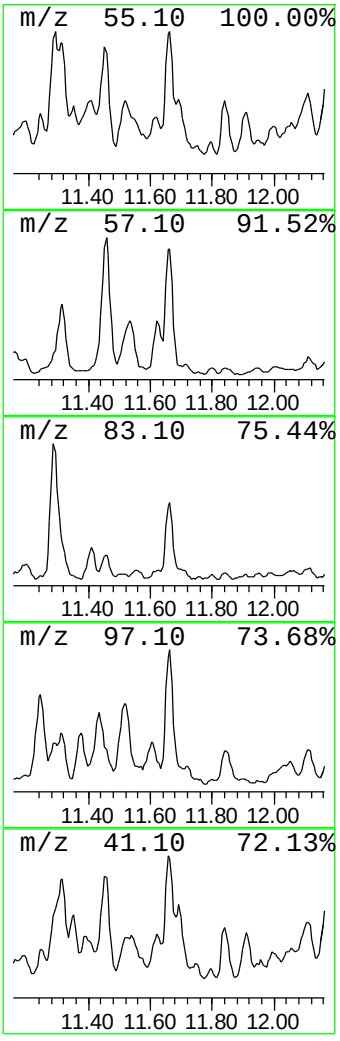
Peak Number 44 (DEL) Alkane: Cyclic11.66 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	7.86 ng/ul	1133390	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethyl-3-heptene	126	C9H18	1000113-49-3	27
2	trans-7-Oxabicyclo[4.3.0]nonane	126	C8H14O	027345-70-6	27
3	4-Ethyl-2-hydroxycyclopent-2-en-...	126	C7H10O2	028017-62-1	27
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	25
5	2-Pyrazoline, 1-allyl-	110	C6H10N2	019804-38-7	25





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Operator : SJ/JU
Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

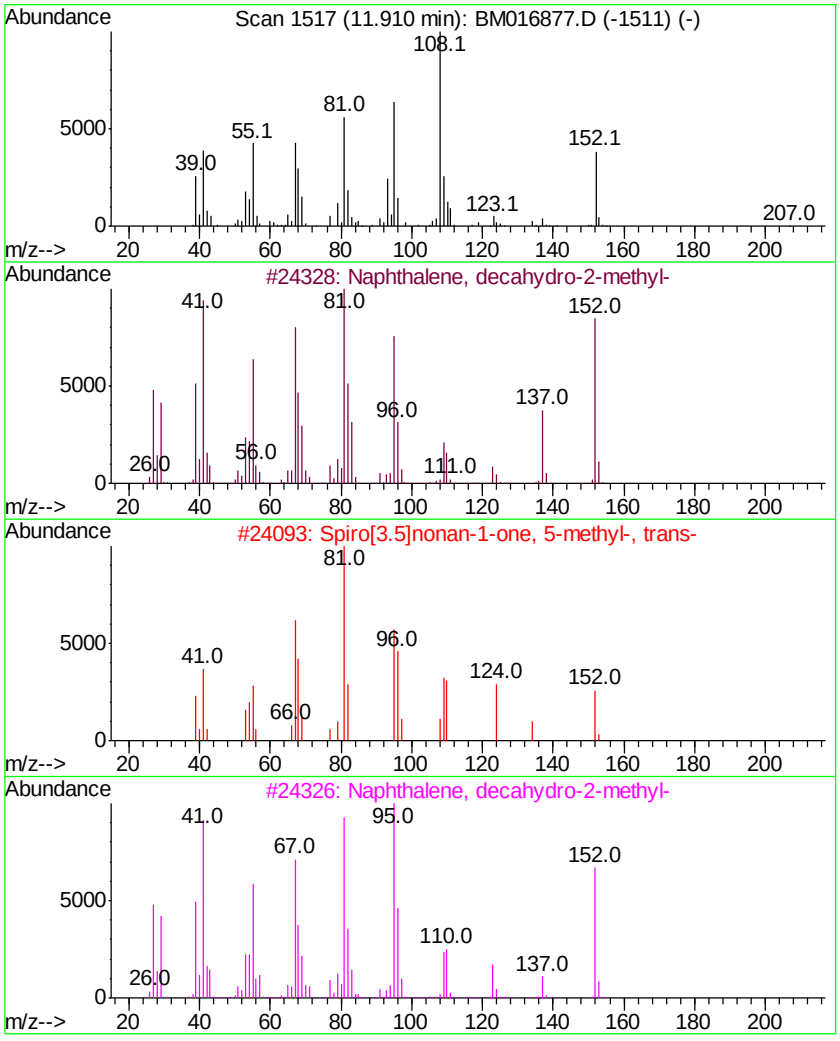
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

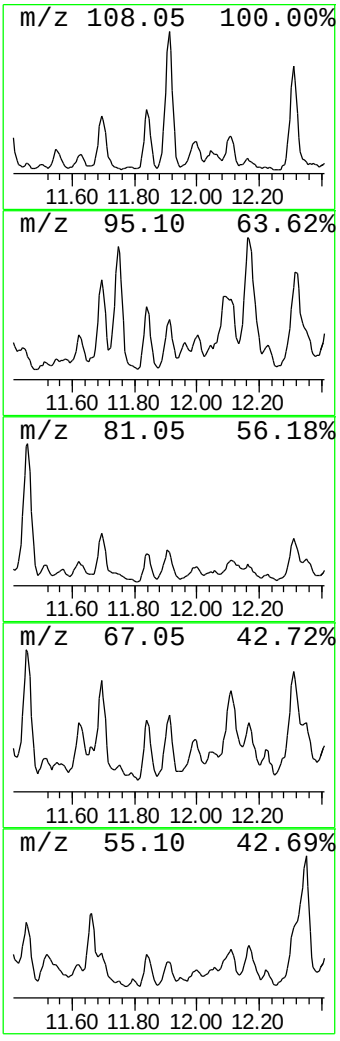
****

Peak Number 47 unknown-06 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	5.72 ng/ul	825725	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	46
2	Spiro[3.5]nonan-1-one, 5-methyl-...	152	C10H16O	065147-56-0	43
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	43
4	4-Ethyl-2-hexynal	124	C8H12O	071932-97-3	38
5	2H-Inden-2-one, octahydro-3a-met...	152	C10H16O	013351-29-6	38





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Operator : SJ/JU
Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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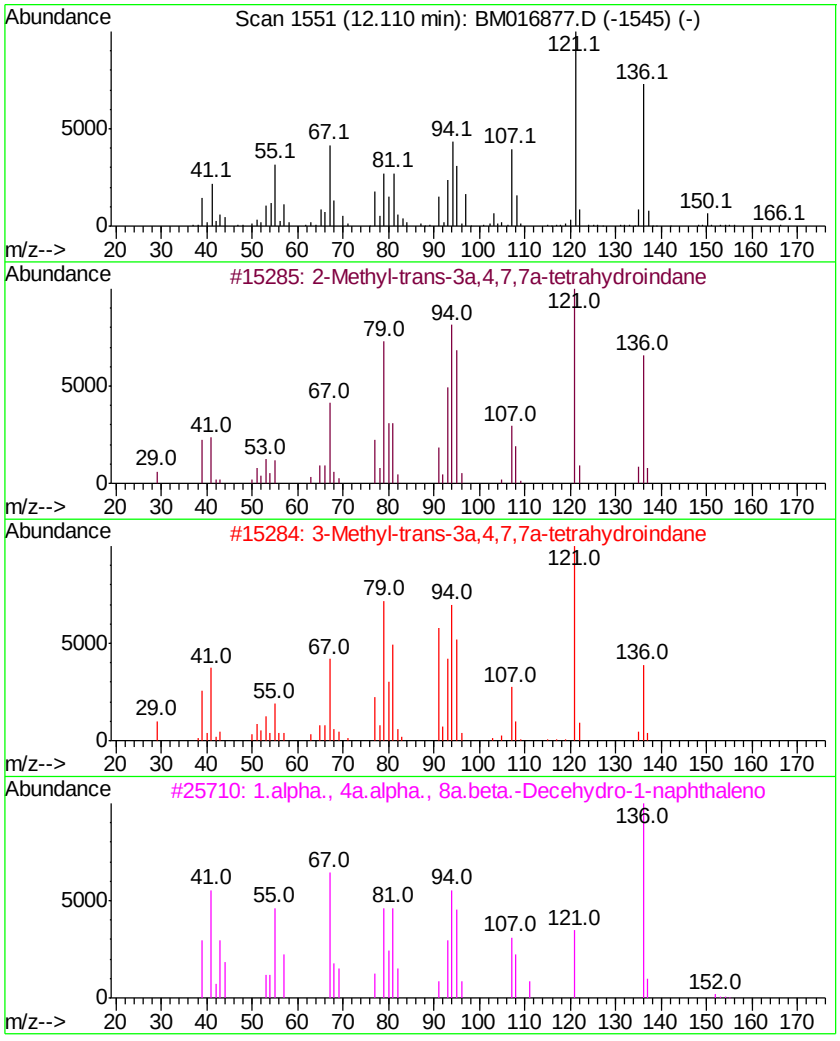
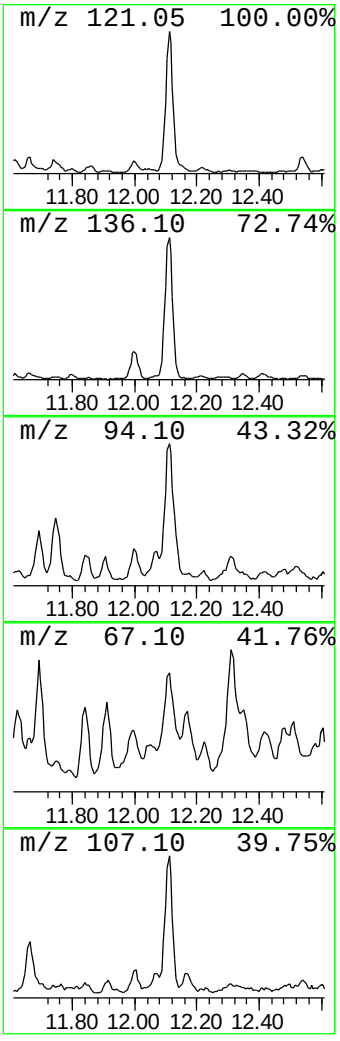
Peak Number 48 2-Methyl-trans-3a,4,7,7a-te... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	7.64 ng/ul	1101530	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-trans-3a,4,7,7a-tetrahy...	136	C10H16	1000145-84-2	89
2	3-Methyl-trans-3a,4,7,7a-tetrahy...	136	C10H16	1000145-84-3	74
3	1.alpha., 4a.alpha., 8a.beta.-De...	154	C10H18O	002529-03-5	64
4	2.alpha., 4a.beta., 8a.beta.-Dec...	154	C10H18O	001424-37-9	55
5	1-Naphthalenol, decahydro-, (1.a...	154	C10H18O	014759-74-1	52





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Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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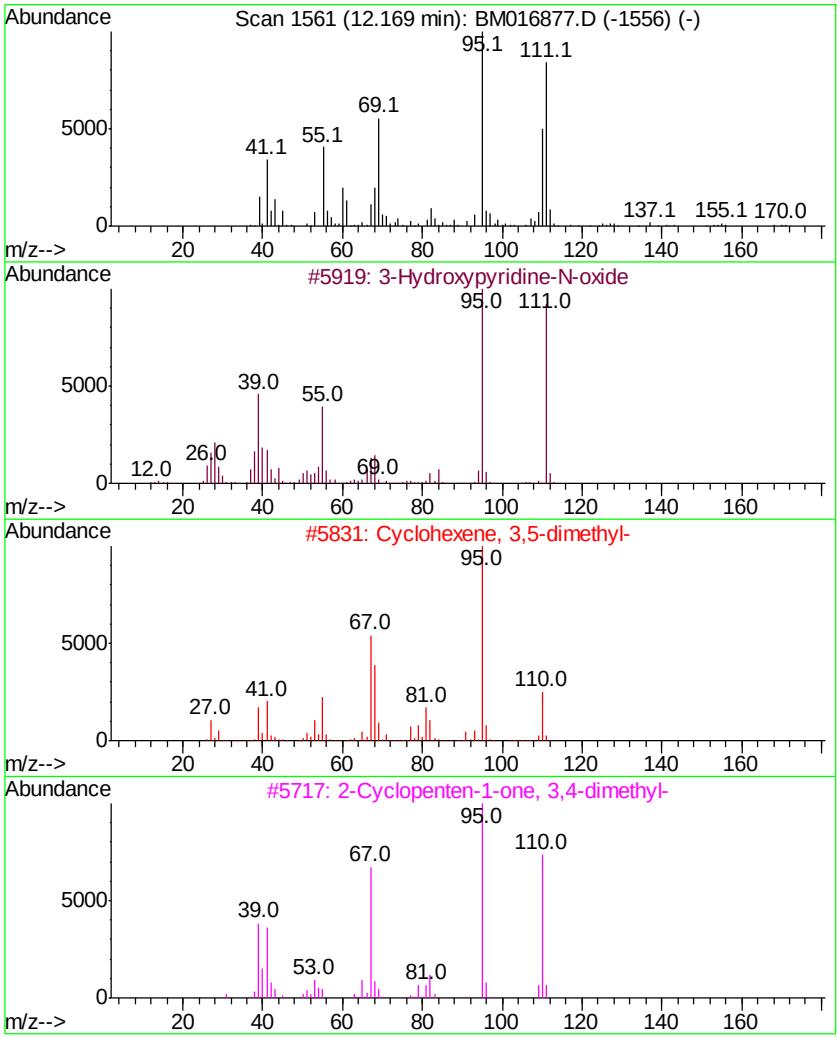
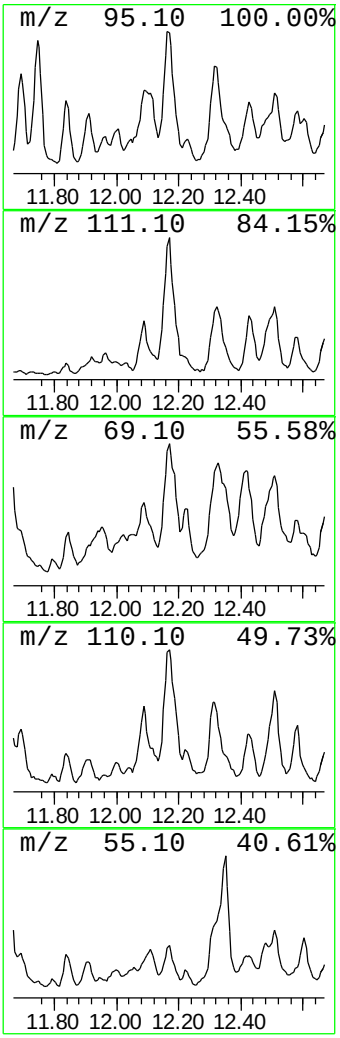
Peak Number 49 3-Hydroxypyridine-N-oxide Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	8.37 ng/ul	1207720	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxypyridine-N-oxide	111	C5H5NO2	006602-28-4	50
2	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	43
3	2-Cyclopenten-1-one, 3,4-dimethyl-	110	C7H10O	030434-64-1	43
4	2-Furanecarboxylic acid, 3,5-dim...	222	C13H18O3	1000278-87-2	38
5	1,3-Dimethyl-5-heptafluorobutyry...	324	C12H15F7O2	1000216-63-8	37





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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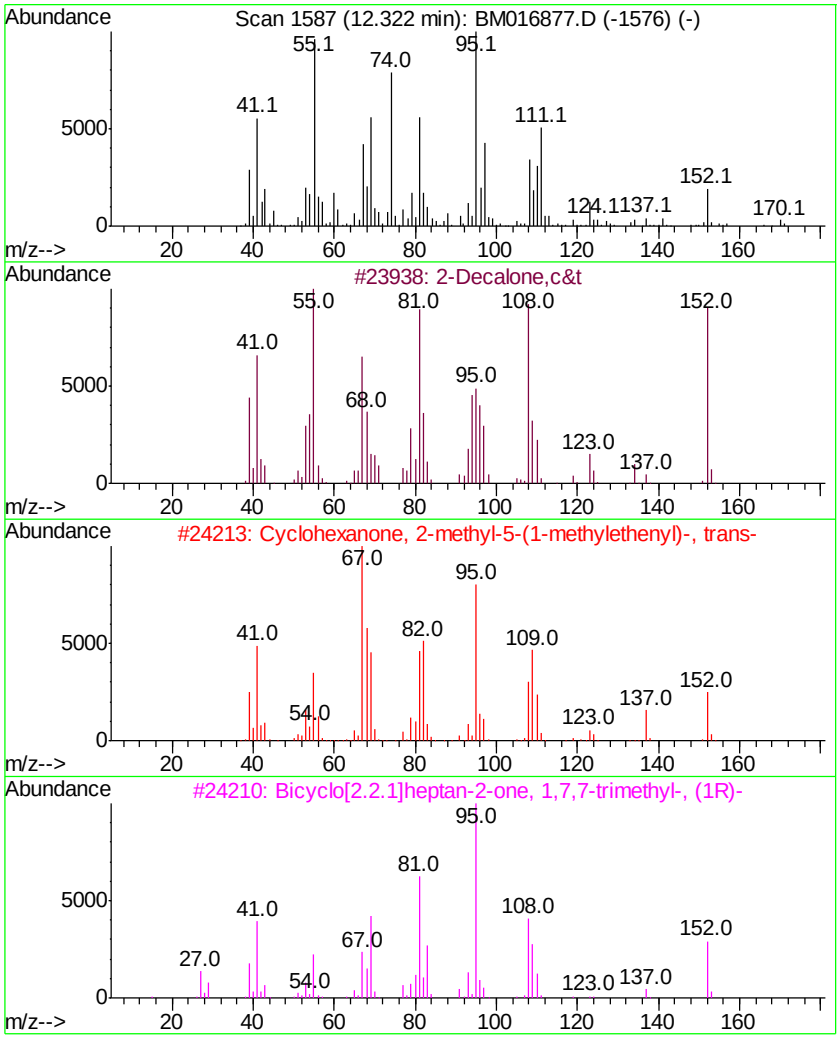
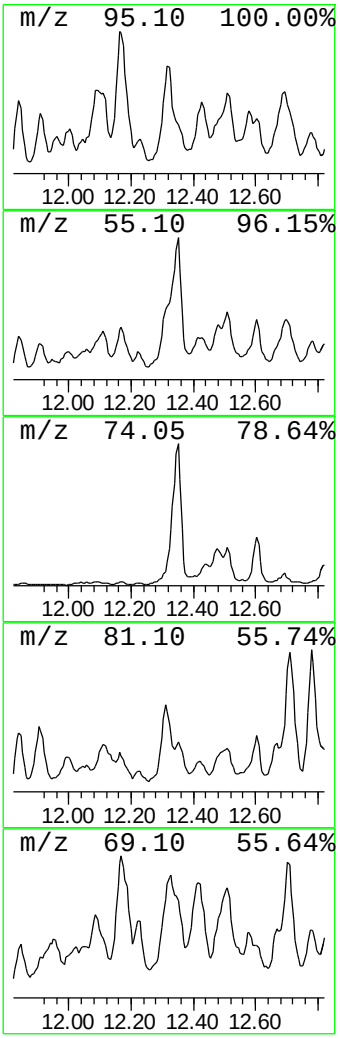
Peak Number 50 2-Decalone,c&t Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	16.10 ng/ul	2321880	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decalone,c&t	152	C10H16O	004832-17-1	50
2	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	46
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-49-3	46
4	2-Dodecyne	166	C12H22	000629-49-2	45
5	2(1H)-Naphthalenone, octahydro-,...	152	C10H16O	016021-08-2	45





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

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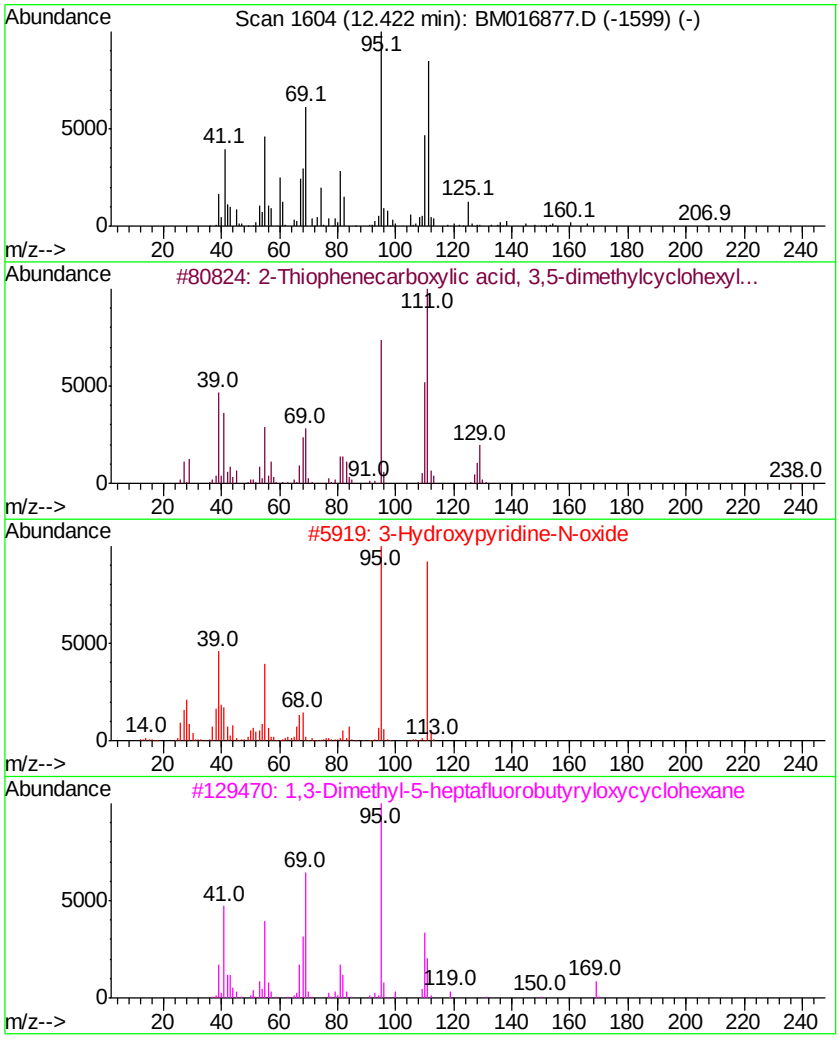
Quant Title : SVOA CALIBRATION

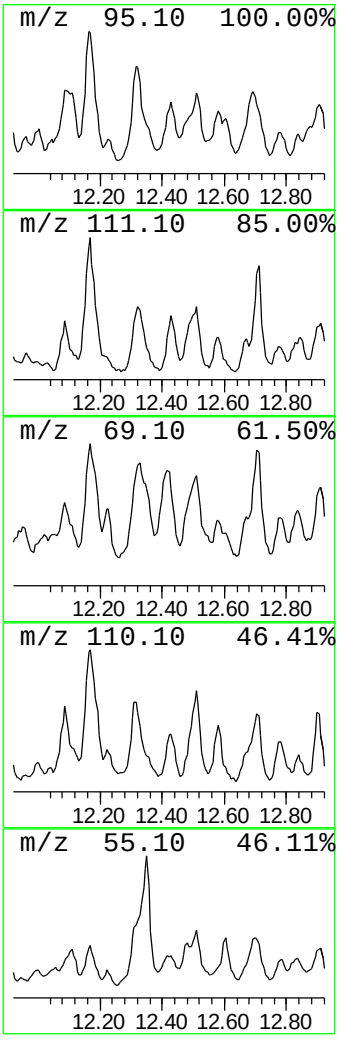
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 2-Thiophenecarboxylic acid,... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	4.00 ng/ul	576879	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Thiophenecarboxylic acid, 3,5-...	238	C13H18O2S	1000278-87-5	59
2	3-Hydroxypyridine-N-oxide	111	C5H5NO2	006602-28-4	47
3	1,3-Dimethyl-5-heptafluorobutyryl...	324	C12H15F7O2	1000216-63-8	46
4	R(-)-1-Cyano-2-methylpyrrolidine	110	C6H10N2	1000145-01-8	43
5	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	38





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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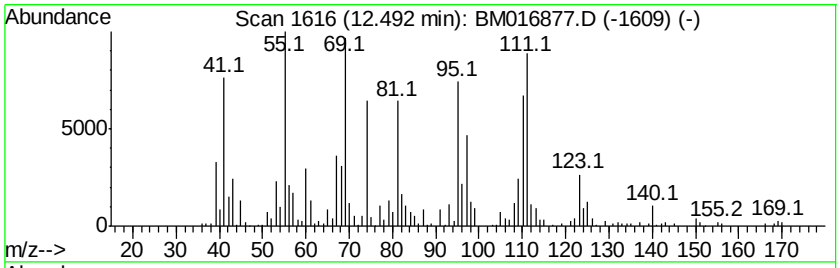
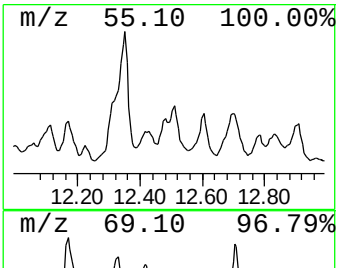
Peak Number 52 3,3-Dimethyl-hepta-4,5-dien... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	4.09 ng/ul	608042	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3-Dimethyl-hepta-4,5-dien-2-ol	140	C9H16O	1000190-23-9	52
2	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	30
3	5-Ethylcyclopent-1-ene-1-carboxy...	140	C8H12O2	036258-07-8	30
4	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	25
5	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092418\
Data File : BM016877.D
Acq On : 24 Sep 2018 15:32
Operator : SJ/JU
Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

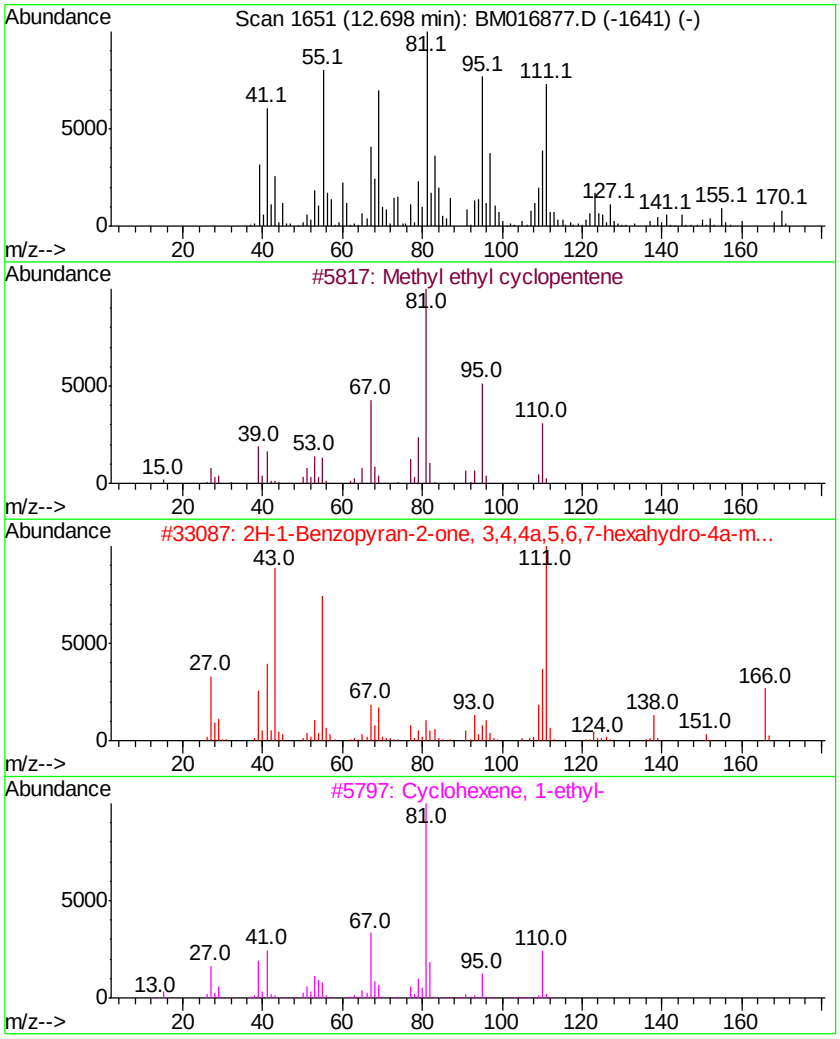
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

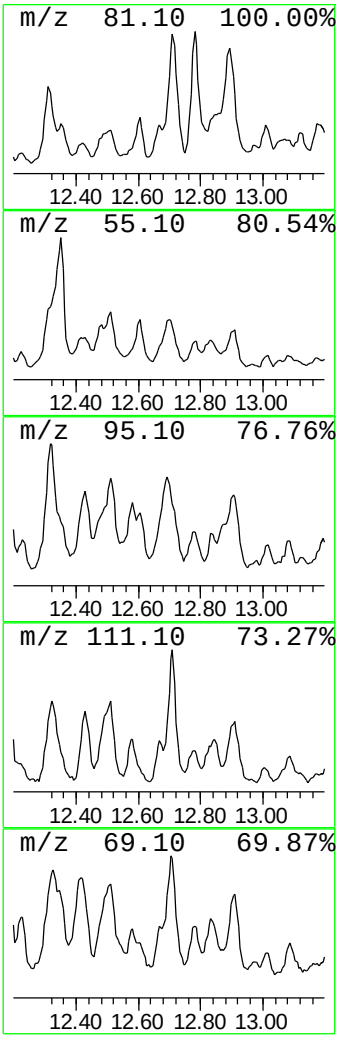
****

Peak Number 54 unknown-07 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	17.06 ng/ul	2539750	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	43
2	2H-1-Benzopyran-2-one, 3,4,4a,5,...	166	C10H14O2	081379-97-7	35
3	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	30
4	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	25
5	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092418\
Data File : BM016877.D
Acq On : 24 Sep 2018 15:32
Operator : SJ/JU
Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

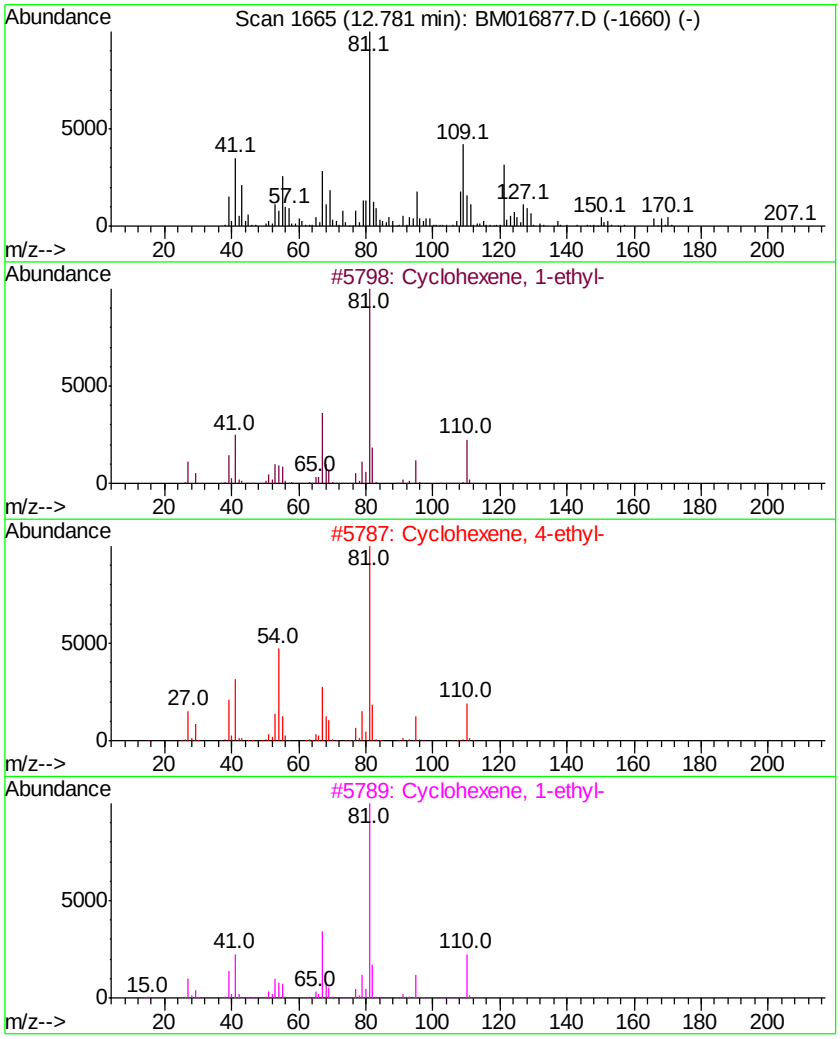
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

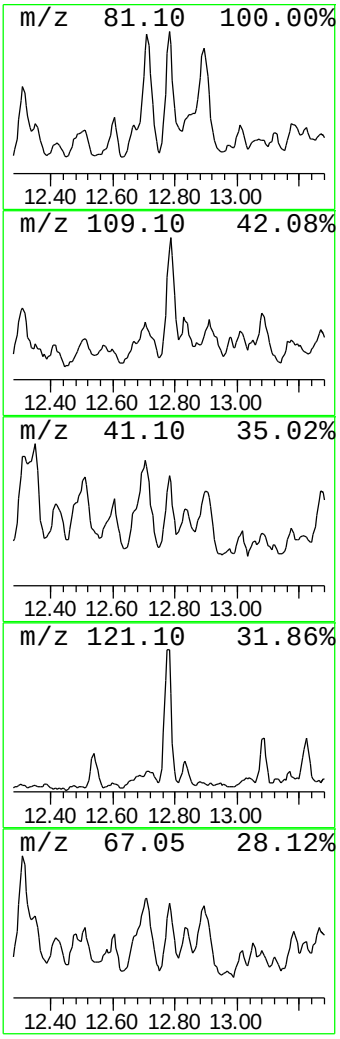
****

Peak Number 55 Cyclohexene, 1-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	8.61 ng/ul	1281260	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	55
2	Cyclohexene, 4-ethyl-	110	C8H14	003742-42-5	50
3	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	45
4	Cyclohexene, 3-ethyl-	110	C8H14	002808-71-1	43
5	1,4-Hexadiene, 3-ethyl-	110	C8H14	002080-89-9	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092418\
Data File : BM016877.D
Acq On : 24 Sep 2018 15:32
Operator : SJ/JU
Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

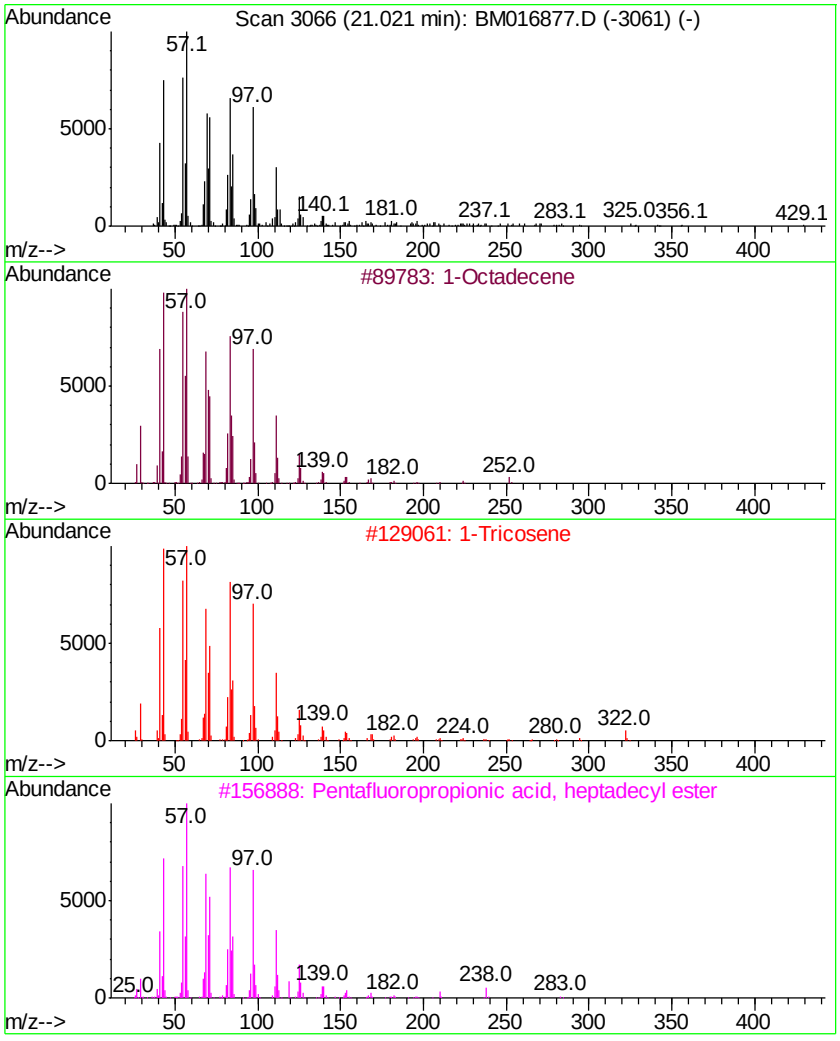
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

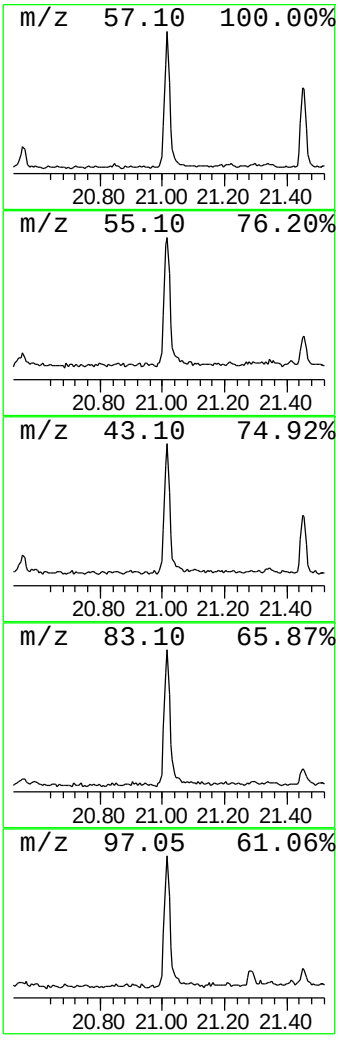
****

Peak Number 68 (DEL) Alkane: Cyclic21.02 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	2.84 ng/ul	598595	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	95
2	1-Tricosene	322	C23H46	018835-32-0	91
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
4	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092418\
Data File : BM016877.D
Acq On : 24 Sep 2018 15:32
Operator : SJ/JU
Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

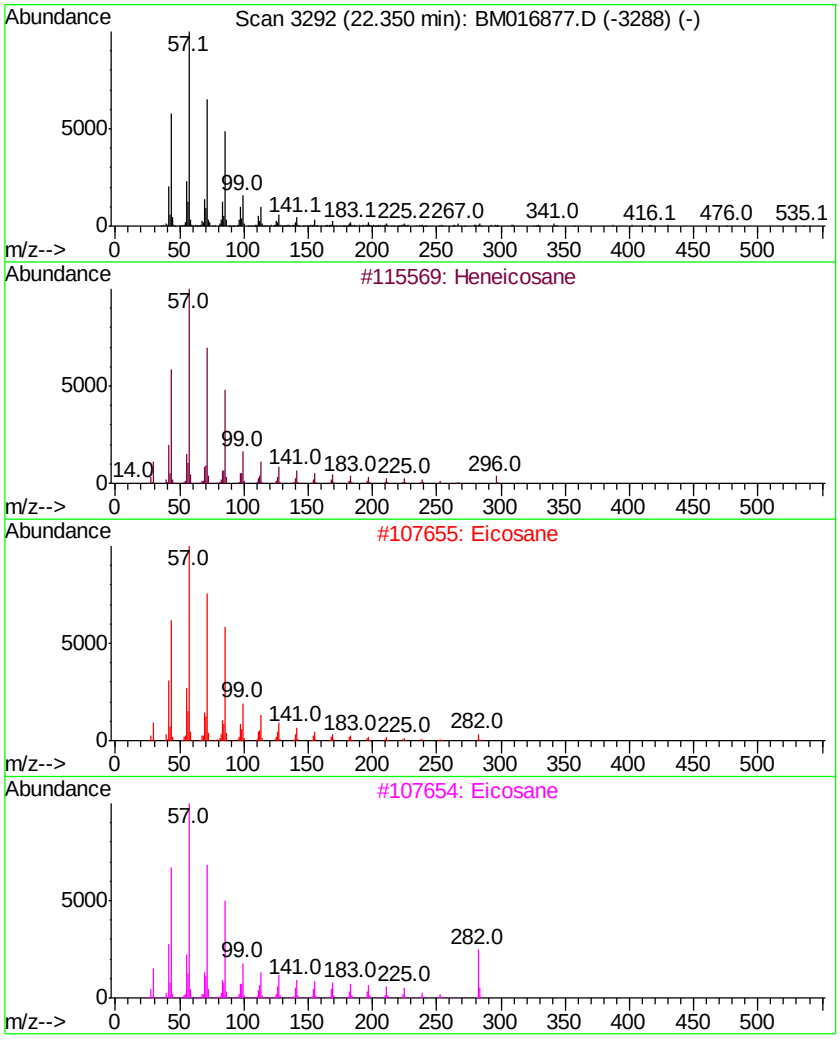
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

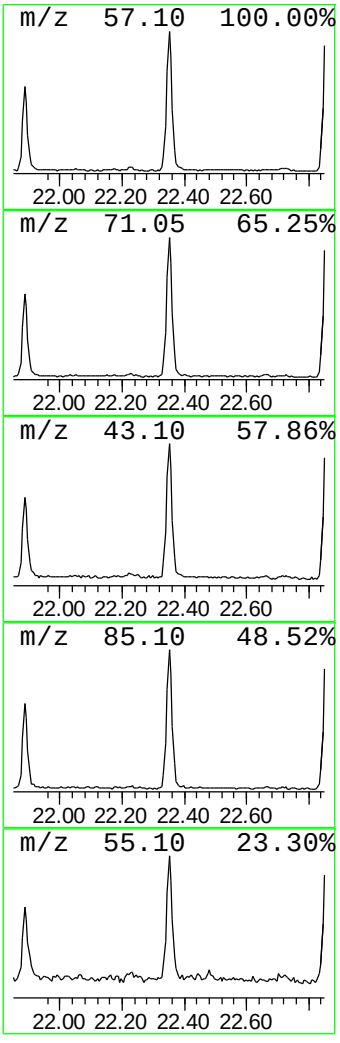
****

Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.35	3.19 ng/ul	671292	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Eicosane	282	C20H42	000112-95-8	97
3	Eicosane	282	C20H42	000112-95-8	91
4	Tetratriacontane	479	C34H70	014167-59-0	90
5	Tetracosane	338	C24H50	000646-31-1	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092418\
Data File : BM016877.D
Acq On : 24 Sep 2018 15:32
Operator : SJ/JU
Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

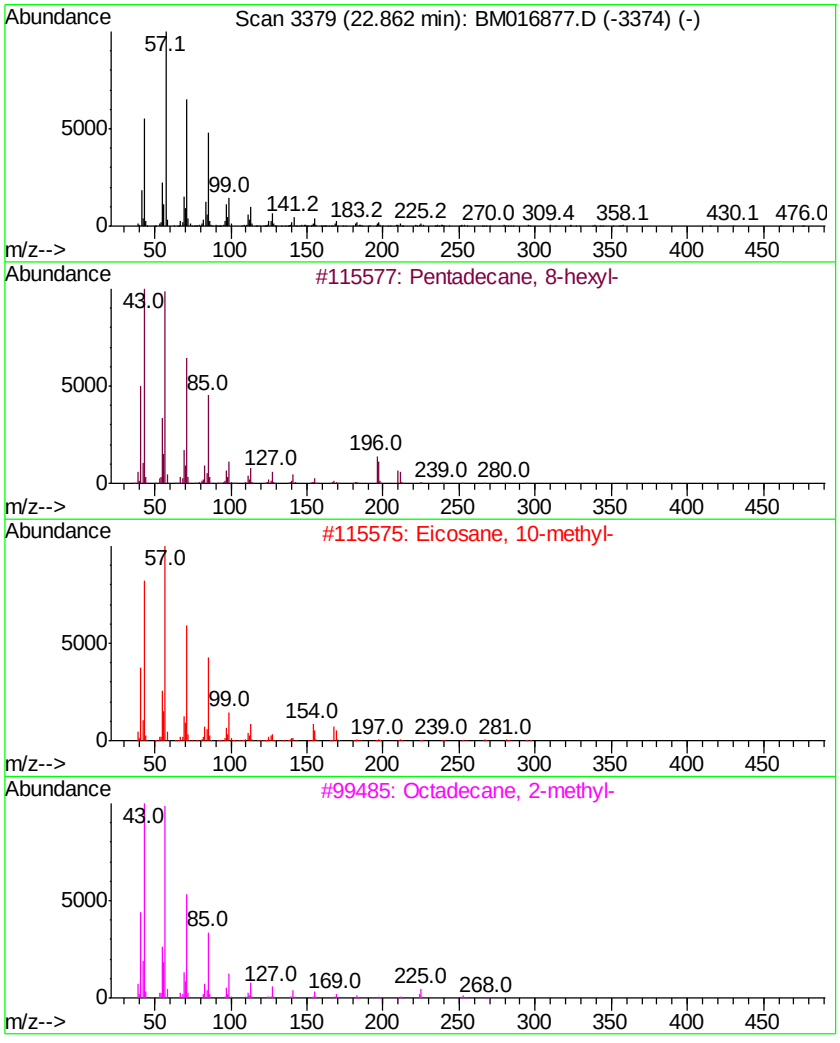
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

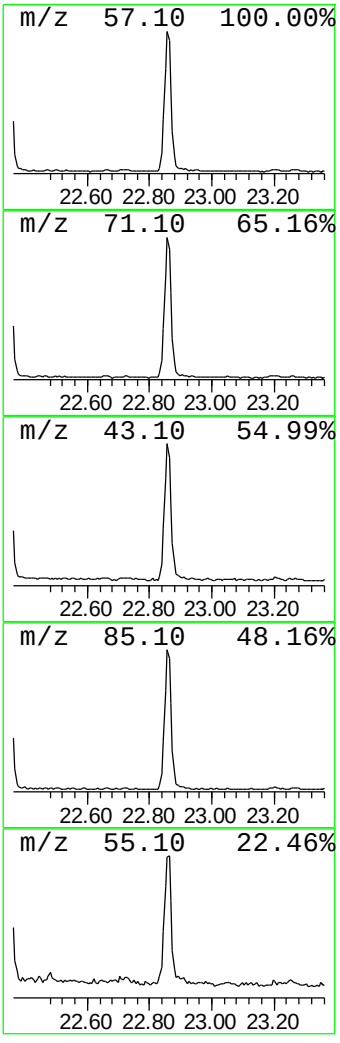
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.86	4.22 ng/ul	904259	Perylene-d12	23.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
4	Tetratriacontane	479	C34H70	014167-59-0	90
5	Octacosane	394	C28H58	000630-02-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092418\
Data File : BM016877.D
Acq On : 24 Sep 2018 15:32
Operator : SJ/JU
Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

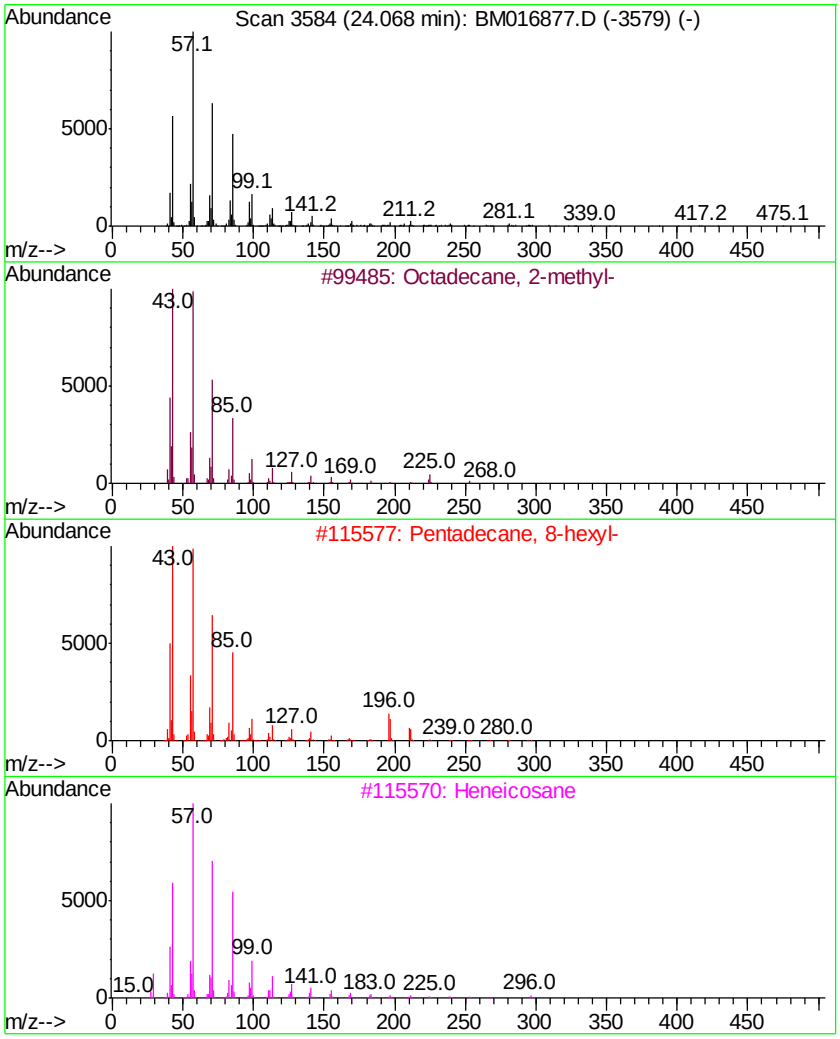
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

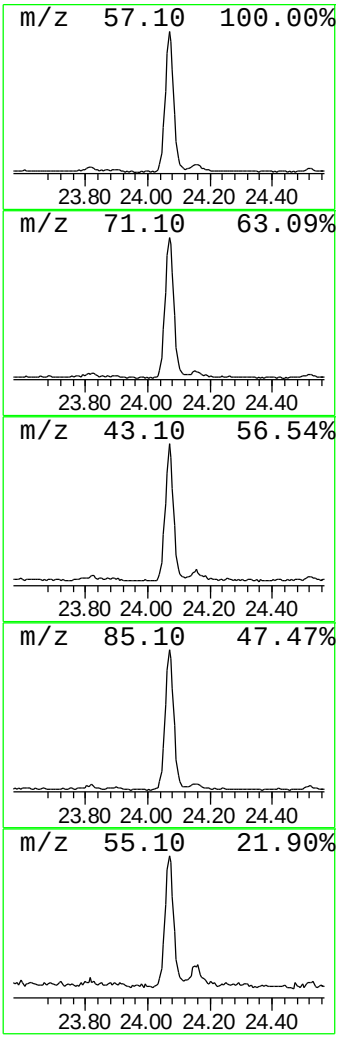
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 71 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	4.64 ng/ul	995391	Perylene-d12	23.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hentriacontane	437	C31H64	000630-04-6	91
5	Pentacosane	352	C25H52	000629-99-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092418\
Data File : BM016877.D
Acq On : 24 Sep 2018 15:32
Operator : SJ/JU
Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

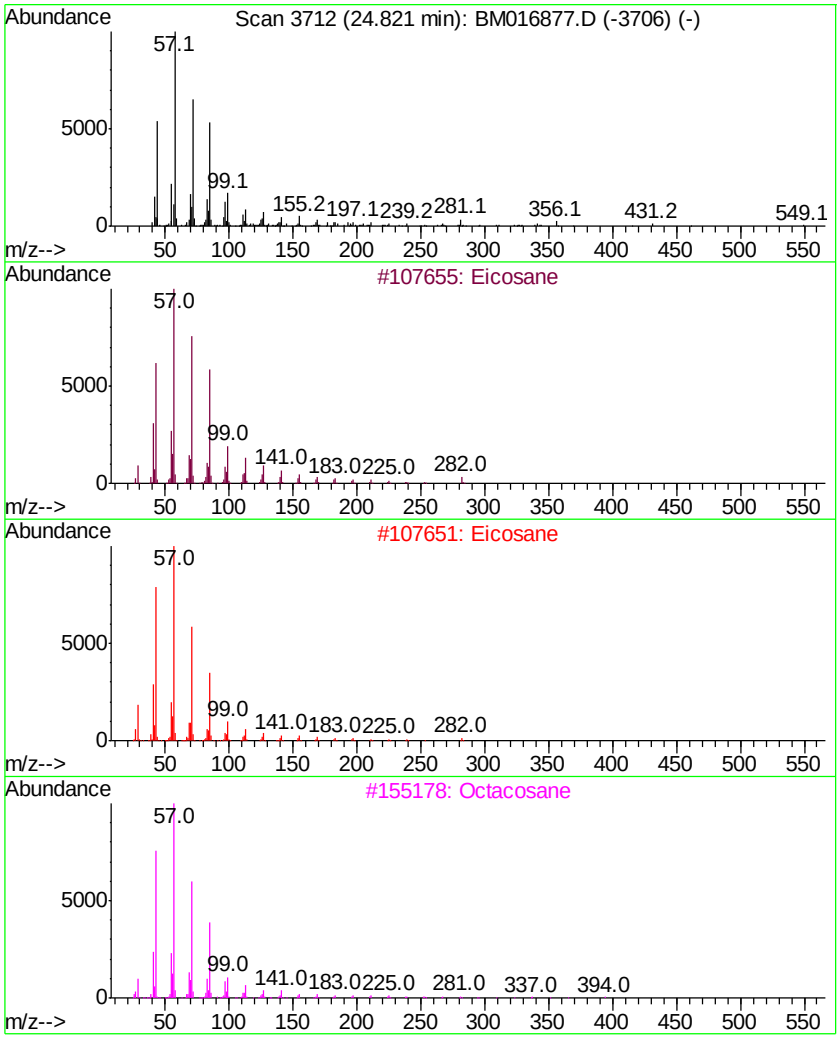
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

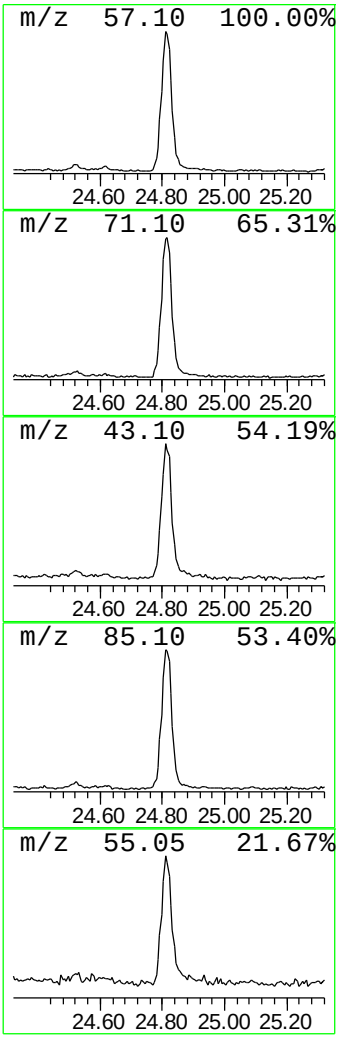
****

Peak Number 72 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.82	3.09 ng/ul	662552	Perylene-d12	23.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Eicosane	282	C20H42	000112-95-8	93
3	Octacosane	394	C28H58	000630-02-4	90
4	Tetratriacontane	479	C34H70	014167-59-0	90
5	Heneicosane	296	C21H44	000629-94-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM092418\
Data File : BM016877.D
Acq On : 24 Sep 2018 15:32
Operator : SJ/JU
Sample : J5014-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.01	3.6	ng/ul	726391	1	7.72	4044830	20.0
Cyclopentanone, 3...	5.06	2.4	ng/ul	482224	1	7.72	4044830	20.0
(DEL) Alkane: Cyc...	5.19	2.9	ng/ul	588632	1	7.72	4044830	20.0
(DEL) Alkane: Cyc...	5.55	2.7	ng/ul	549322	1	7.72	4044830	20.0
(DEL) Alkane: Cyc...	5.61	3.0	ng/ul	616705	1	7.72	4044830	20.0
4-Hepten-3-one, 5...	5.70	3.2	ng/ul	645914	1	7.72	4044830	20.0
(DEL) Alkane: Cyc...	6.01	10.3	ng/ul	2084130	1	7.72	4044830	20.0
(DEL) Alkane: Str...	6.13	3.0	ng/ul	606256	1	7.72	4044830	20.0
(DEL) Alkane: Cyc...	6.22	5.8	ng/ul	1183100	1	7.72	4044830	20.0
(DEL) Alkane: Str...	6.29	5.6	ng/ul	1132520	1	7.72	4044830	20.0
(DEL) Alkane: Cyc...	6.37	3.3	ng/ul	670395	1	7.72	4044830	20.0
(DEL) Alkane: Str...	6.40	5.3	ng/ul	1082250	1	7.72	4044830	20.0
(DEL) Alkane: Cyc...	6.48	3.1	ng/ul	637469	1	7.72	4044830	20.0
(DEL) Alkane: Str...	6.72	7.5	ng/ul	1509860	1	7.72	4044830	20.0
(DEL) Alkane: Cyc...	6.82	2.9	ng/ul	580336	1	7.72	4044830	20.0
Benzene, 1,2,3-tr...	7.37	14.1	ng/ul	2852360	1	7.72	4044830	20.0
(DEL) Alkane: Cyc...	7.43	4.0	ng/ul	806163	1	7.72	4044830	20.0
2-Ethyl-1-dodecanol	7.54	2.8	ng/ul	562933	1	7.72	4044830	20.0
unknown-01	7.62	6.1	ng/ul	1231540	1	7.72	4044830	20.0
(DEL) Alkane: Str...	7.79	5.0	ng/ul	1000100	1	7.72	4044830	20.0
(DEL) Alkane: Cyc...	7.83	3.9	ng/ul	777775	1	7.72	4044830	20.0
unknown-02	7.90	4.4	ng/ul	889013	1	7.72	4044830	20.0
(DEL) Alkane: Cyc...	8.00	7.9	ng/ul	1603410	1	7.72	4044830	20.0
Indane	8.08	4.1	ng/ul	820741	1	7.72	4044830	20.0
Benzene, 1-methyl...	8.26	4.7	ng/ul	949075	1	7.72	4044830	20.0
Naphthalene, deca...	8.53	5.1	ng/ul	1031880	1	7.72	4044830	20.0
(DEL) Alkane: Cyc...	9.06	5.9	ng/ul	1197390	1	7.72	4044830	20.0
Benzene, 1,2,4,5-...	9.33	7.8	ng/ul	1121540	2	10.49	2884880	20.0
unknown-03	9.74	4.1	ng/ul	588887	2	10.49	2884880	20.0
1-Phenyl-1-butene	9.90	5.3	ng/ul	762930	2	10.49	2884880	20.0
Cyclohexanol, 1-m...	10.05	4.7	ng/ul	680815	2	10.49	2884880	20.0
1,8-Nonanediol, 8...	10.25	7.9	ng/ul	1145250	2	10.49	2884880	20.0
6-Octenal, 3,7-di...	10.67	8.2	ng/ul	1184530	2	10.49	2884880	20.0
2H-Inden-2-one, o...	10.90	3.9	ng/ul	555823	2	10.49	2884880	20.0
(DEL) Alkane: Cyc...	10.95	5.4	ng/ul	780073	2	10.49	2884880	20.0
(DEL) Alkane: Cyc...	11.12	3.4	ng/ul	483885	2	10.49	2884880	20.0
Bicyclo[2.2.1]hep...	11.35	6.9	ng/ul	990919	2	10.49	2884880	20.0
Naphthalene, deca...	11.39	6.5	ng/ul	939066	2	10.49	2884880	20.0
unknown-04	11.46	13.7	ng/ul	1968510	2	10.49	2884880	20.0
unknown-05	11.52	8.1	ng/ul	1162630	2	10.49	2884880	20.0
4-Fluorobenzoic a...	11.62	6.2	ng/ul	887149	2	10.49	2884880	20.0
(DEL) Alkane: Cyc...	11.66	7.9	ng/ul	1133390	2	10.49	2884880	20.0
unknown-06	11.91	5.7	ng/ul	825725	2	10.49	2884880	20.0
2-Methyl-trans-3a...	12.11	7.6	ng/ul	1101530	2	10.49	2884880	20.0
3-Hydroxypyridine...	12.17	8.4	ng/ul	1207720	2	10.49	2884880	20.0
2-Decalone,c&t	12.32	16.1	ng/ul	2321880	2	10.49	2884880	20.0
2-Thiophenecarbox...	12.42	4.0	ng/ul	576879	2	10.49	2884880	20.0
3,3-Dimethyl-hept...	12.49	4.1	ng/ul	608042	3	14.35	2976810	20.0
unknown-07	12.70	17.1	ng/ul	2539750	3	14.35	2976810	20.0

Cyclohexene, 1-et...	12.78	8.6	ng/ul	1281260	3	14.35	2976810	20.0
(DEL) Alkane: Cyc...	21.02	2.8	ng/ul	598595	5	21.29	4214180	20.0
(DEL) Alkane: Str...	22.35	3.2	ng/ul	671292	5	21.29	4214180	20.0
(DEL) Alkane: Str...	22.86	4.2	ng/ul	904259	6	23.52	4290170	20.0
(DEL) Alkane: Str...	24.07	4.6	ng/ul	995391	6	23.52	4290170	20.0
(DEL) Alkane: Str...	24.82	3.1	ng/ul	662552	6	23.52	4290170	20.0

Instrument :
BNA_M
ClientSampleId :
E8JB4